Lancaster Farming

VOL. 27 No. 4 | Lancaster Farming, Saturday, November 21, 1981 | $7.50 Per Year

Century Farms, Max Smith honored

BY DICK ANGLESTEIN

SMOKETOWN — Four Lancaster County Century Farm families and retired County Agent Max Smith, who served nearly half that long, were honored Wednesday night at the fifth annual Agricultural-Industry Banquet.

The honor was no surprise to the attending current generations of the four farm families. After all, it's taken at least 100 years of family tradition, hard work and progress to achieve the century laurels.

But the added recognition for Smith came as something of a surprise to the "Dean of County Extension Agents."

As Smith quipped in coming to the podium to accept the handsome plaque from State Ag Sec. Penrose Hallowell and Gov. Dick Thornburgh.

"I thought we were all finished with these kinds of things last Spring."

And it was Smith, who acted as emcee for the honoring of the farm families, including John H. and Mabel C. Hershey, R1, Marietta; Frey's Dairy Farms, R2, Conestoga; J. Robert and R. Naomi Spahr, Neffsville; and Mark and Hazel Nestleroth, R5, Manheim. (For more information and photos of the Century Farms, turn to Pages A28 and 29).

In addressing the capacity crowd of more than 400 at the banquet at the Good 'n Plenty Restaurant, Governor Thornburgh praised the dignity, hard work and individual enterprise of the Lancaster County farm community while calling for action on his state reform proposals in three main areas – welfare, spending cuts combined with business tax incentives, and an all-out attack on crime.

His triple call for action brought ample applause of approval from the audience at the banquet sponsored by the Agriculture Committee of the Lancaster Chamber of Commerce and Industry.

Flanking Max Smith, retired Lancaster County agent who was honored Wednesday night at Ag-Industry Century Farms Banquet, are Penrose Hallowell, left, State Sec. of Agriculture, and Governor Dick Thornburgh.

"Pennsylvania has become a welfare haven for able-bodied people who should be taking care of themselves," Thornburgh said.

His welfare reforms call for single, able-bodied, employable adults with no dependents to be phased out of the state's general assistance program and into job placement and training programs. Savings would then be used to increase aid to the legitimately needy.

Turning to the economy, Thornburgh asked that "Reaganomics be given a chance."

"I can't guarantee that it's going to work," he said.

"But I can guarantee that it will fail if not given a chance."

"And let's tighten the state's belt yet another notch and get approval for state business tax incentives."

His proposals in this area specifically cite a one percent across-the-board cut in state spending and adding state tax incentives for business investment to complement similar incentives at the federal level.

In his third call for action,

(Turn to Page A27)

Inside This Week's...

This week is Pennsylvania's Farm-City week and Lebanon County's second year of celebrating it Read this story and that of Cumberland County on pages. A20 and A39

National dairy breed association decide two heads are better than one Find out more on page. D22

The lush Green Valley of southwest York County is now the pastoral scene for a hazardous waste war . D18

State cancels Expo; but animal sales on

HARRISBURG — There will be no Farm Equipment Exposition at the Farm Show Complex in March, 1982.

The Equipment Expo, which has been steadily withering on the vine since first held in 1979, has fallen victim to its proximity to the mid-January Farm Show and the current agricultural economy which has cut into the display dollars being spent by exhibitors.

"There will be no Expo this coming March," Horace Mann, of the Farm Show Commission, said this week.

"Its future status is entirely in limbo."

Mann added that a look may be taken at another time of the year, but there is nothing definite at this time

While the Expo will not be held, plans are moving ahead on a number of the livestock events which had been held in conjunction with the Expo in the past.

Both the Pennsylvania Angus Association and the Pennsylvania Cooperative Swine Breeders Association are reportedly close to final decisions on holding sales.

The Angus people returned to the Farm Show Complex last year at the Expo and the Swine Breeders have held their Keystone Classic

(Turn to Page A31)

Dep. Ag. Sec. forecasts veto

BY DONNA TOMMELLEO

LANCASTER — Within days after the U.S. Senate and U.S. House of Representatives ag committee conferees agreed on dairy support levels, Deputy Secretary of Agriculture Richard Lyng announced Thursday that the dairy provisions will probably encounter a presidential veto.

"The conference committee has adopted a position on dairy that we find unacceptable," Lyng said before the Annual Meeting of Inter-State Milk Producers' Cooperative.

Deputy Secretary of Agriculture Richard Lyng delivers his somber message Thursday night that President Reagan will probably veto current dairy price support levels. Lyng was a keynote speaker during Inter-State Milk Producers' Cooperative 64th Annual Meeting.

Lyng explained that the dairy title was just one of 18 titles the conference committee has to settle in the turbulent Farm Bill. The wheat title remains unresolved as does feed grains, meat imports and an emergency loan title.

The agreed on dairy support calls for a support price of $13.10 per hundredweight of milk testing 3.67 percent butterfat and $12.80 for milk adjusted to 3.5 percent butterfat for the current marketing year. The parity level of

(Turn to Page A24)

Home and Youth

Homestead Notes, B2; Home on the Range, B6; Kid's Korner, B12; 4-H news, B13; FWS news, B10; FFA news, D4; Adams Co. Achievement Night, B24; Dauphin Co. Achievement Night, B29.

Columns

Editorials; A10; Now is the time, A10; The Milk Check, A19; Joyce Bupp's column, B4; Ida's Notebook, B11; Ladies have you heard? B20; Farm Talk, D16.

Dairy

Lycoming DHIA, D13; Juniata DHIA, D12; Chester dairy farmer, D6; Potter Co. DHIA annual summary, D12.

Livestock market and auction news

Lancaster Market

Monday, November 16
Report supplied by USDA

	Cattle	Calves	Hogs	Sheep
Today	959	103	1294	139
Last Mon.	989	105	1005	159
Last Year	856	99	798	159
Monday's Auction	820	137	1289	165
Last Monday's Auction	739	105	980	150

CATTLE: Compared to last Monday slaughter steers 1.00-2.00 higher, instances 2.50 higher; slaughter heifers 1.00-2.00 higher; cows steady to 1.00 higher; bullocks fully steady; bulls weak to 1.00 lower. Supply included 51% slaughter steers, 26% bulls, 12% heifers, and 11% cows.

SLAUGHTER STEERS: Few mixed Choice and Prime 2-4 1200-1300 lb. 65.00-65.25; Good and Choice 1-2 1050-1325 lb. 64.50-65.85; Choice 2-4 1050-1380 lb. 63.00-64.85; high Good and low Choice 2-3 950-1275 lb. 61.75-63.60; Good 2-3 900-1225 lb. 58.00-62.25; few Good and Choice 1100-1425 lb. Holsteins 57.00-58.25, couple 59.25-60.00; couple lots Standard 1-2 1000-1070 lb. 52.75-53.00

SLAUGHTER HEIFERS: Choice 2-3 875-1050 lb. 59.00-62.50, couple yield grade 2 64.60-64.75; Good 2-3 800-1050 lb. 53.00-59.50.

COWS: Utility and Commercial 1-3 39.50-41.50, few 41.50-42.50; Cutter 1-2 37.50-39.50, few 39.50-40.50; Canner and low Cutter 35.00-38.00.

BULLOCKS: Choice 1050-1300 lb. 60.50-64 50, couple 66.10-67.00; Good 1000-1300 lb. 52.75-58.25; couple 950-1000 lb. 48.75-52.50.

BULLS: Yield grade 1 1350-1900 lb. 51.50-54.50, few 54.50-57.10; yield grade 2 1000-1450 lb. 48.00-2.00, few 900-1000 lb. 44.00-48.00.

VEAL CALVES: Vealers firm to mostly 5.00 higher.

VEALERS: Prime special fed 280-340 lb. 115.00-123.00, including 18 head lot 315-340 lb. at 120.00; choice 140-280 lb. 92.00-105.00, few 105.00-115.00; high Good and low Choice 130-250 lb. 72.00-90.00, 80-130 lb 45 00-55.00, few 55.00-65.00, 65-80 lb. 40 00-50.00.

SLAUGHTER CALVES: Several Choice 180-250 lb. 75.00-85.00.

SHEEP: Wooled lambs 3.00-6.00 higher; slaughter ewes steady, instances 5.00 lower.

WOOLED LAMBS: Few head Choice 55-60 lb 62.00-68.00, 15 head Choice 100-106 lb. 61.00, bulk Choice 80-105 lb. 55 00-59.00; Good 60-95 lb. 48.00-52.00.

SLAUGHTER EWES: Utility and Good 17 00-29 00.

Vintage Livestock

Tuesday, November 17
Report supplied by USDA

	Cattle	Calves	Sheep
Today	907	874	18
Last Tuesday	819	857	10
Last Year	715	759	58

CATTLE: Compared to last Tuesday slaughter steers 50-1.00 higher, instances 1.50 higher, although Good and Choice 1-2 to retail outlets weak to 1.00 lower; slaughter heifers 1.00-1.50 higher; cows 50-1.00 lower; bulls weak to 1.00 lower. Supply included 59% slaughter steers, 34% cows, 5% slaughter heifers and 3% bulls. Slaughter steer supply mainly Good to low Choice with very few high Choice and Prime on offer.

SLAUGHTER STEERS: Few head Choice and Prime 3-4 1200-1300 lb. 64.50-66.85; Good and Choice 1-2 1075-1425 lb. 64.50-66.75; Choice 2-4 1050-1425 lb. 62.75-64.75, 10 head early 65.25-65.85, high Good and low Choice 2-3 60.00-63.25; Good 2-3 58.00-61.50; Good and Choice 1150-1375 lb. Holsteins 54.50-58.25, few Standard 1-2 900-1050 lb. 49.00-53.00.

SLAUGHTER HEIFERS: Choice 2-3 895-1095 lb. 59.75-61.75, six head 1210-1365 lb. 61.75-63.50; Good 2-3 850-1000 lb. 56.00-60.00.

COWS: Utility and Commercial 1-3 39.00-41.50, several 41.75-43.00; Cutter 1-2 36.75-40.00, few 40.00-41.50; Canner and low Cutter 33.50-37.00.

BULLS: Yield grade 1 1400-1900 lb. 51.00-54.00; yield grade 2 1000-1400 lb. 49.00-51.00.

VEAL CALVES: Vealers weak to 5.00 lower, although Choice not tested. Supply included 578 in graded sale of which 74% sold to return to farm.

VEALERS: Individual Choice 140 lb 94.00; high Good and low Choice 120-190 lb. 52.00-85.00, 90-115 lb. 44.00-56.50, 80-90 lb. 40.00-50.00, 60-80 lb. 22.00-40.00.

RETURNED TO FARM: 75 head 90-120 lb. Holstein heifers 130.00-150.00; one lot small frame 80-90 lb. 88.00 and lot lot 81 lb. 50.00. 215 head 100-125 lb. Holstein bulls 81.00-89.00; 50 head 90-95 lb. 60.00-62.00; and 70 head small frame 100-125 lb 55.00-63.00.

SHEEP. Insufficient volume for a market test; individual Choice 70 lb. wooled lamb 56.00, few Utility and Good slaughter ewes 11.00-18.00

Lancaster Auction

Wednesday, November 18

Report supplied by USDA

	Cattle	Calves	Hogs	Sheep
Today	462	21	1157	12
Last Wednesday	774	16	1251	4
Last Year	489	62	1050	13
Wednesday's Auction	257	21	1147	12
Last Wednesday's Auction	232	23	1256	4

CATTLE: Compared to Monday small supply slaughter steers 1.00-1.50 lower; slaughter heifers steady to weak; cows 50-1.00 lower; bullocks not fully tested; bulls fully steady. Supply included 55% slaughter steers, 19% slaughter heifers, 16% cows, and 10% bulls.

SLAUGHTER STEERS: Few head Good and Choice 1-2 1100-1275 lb. 63.00-65.00; Choice 2-4 1100-1400 lb. 61.75-63.10, couple 63.35-63.85, one lot 1030 lb. 61.00; high Good and low Choice 2-3 59.00-62.00; few Good and Choice 1100-1450 lb. Holsteins 54.25-55.25; Standard 1-2 50.00-53.00.

SLAUGHTER HEIFERS: Couple Choice 2 975-1000 lb. 63.25-63.75; couple Choice 3 930-1050 lb. 57.00-59.00; few Good 2-3 800-1000 lb. 53.50-56.00.

COWS: Utility and Commercial 1-3 38.50-41.50; few Commercial 3-4 37.00-38.50; Cutter 1-2 36.00-39.25, couple 40.00-41.00; Canner and low Cutter 32.75-35.75.

BULLOCKS: Couple Choice 1100-1300 lb. 64.25; few Good 1150-1350 lb. 52.60-59.85, few 900-1050 lb. 49.00-51.00.

BULLS: Yield grade 1 1350-1870 lb. 50.75-56.25; few head yield grade 2 1200-1600 lb. 48.25-51.00.

VEAL CALVES: Insufficient volume for a full market test. Few head 80-110 lb. Holstein bulls returned to farm at 60.00-90.00; balance high Good and low Choice 80-105 lb. 45.00-55.00.

SHEEP: Insufficient volume for a market test; one lot Choice 125 lb. wooled lambs 45.00

New Holland Livestock

Thursday, November 19
Report supplied by USDA

	Cattle	Calves	Sheep	Goats
Today	898	562	21	6
Last Thursday	948	605	25	13
Last Year	823	650	21	3

CATTLE: Compared to last Thursday Slaughter Steers .50-1.00 lower instances 1.50 lower on Good to low Choice; Slaughter Heifers .75-1.50 lower; Cows 1.00-2.00 lower with early sales 2.00-3 00 lower; Bullocks steady; Bulls steady to weak Supply included 43 per cent Slaughter Steers, 41 per cent Cows, 8 per cent Bulls, 6 per cent Slaughter Heifers with the balance Feeder Steers

SLAUGHTER STEERS: Good and Choice 1-2 1050-1300 lb. 63.50-64.75, couple head 65.00-66.25; few head high Choice 3-4 1200-1350 lb. 63.35-63 75; Choice 2-4 1050-1350 lb. 61.50-63 35; High Good and low Choice 2-3 975-1325 lb. 59.75-61.50; Good 2-3 56.00-60.50; few Good and Choice 1150-1350 lb. Holsteins 54.25-55.50, few Standard 1-2 49.50-54 50.

SLAUGHTER HEIFERS: Choice 2-3 875-1050 lb. 58.00-59.75; Good 2-3 825-1000 lb. 54.50-58.25.

COWS: Utility and Commercial 1-3 38 00-40 50, several 40.50-42.60, few early sales 37.00-38.00; Cutter 1-2 36 00-39.25, few 39.50-40.25, several early 35.00-36.00; Canner and low Cutter 32 50-36.00.

BULLOCKS: Choice 1000-1375 lb. 58.75-61.75, several 62.00-65 25; Good 1000-1250 lb. 53 50-58.50, few 850-1025 lb. 46 50-52.00

BULLS: Yield Grade 1 1350-1900 lb. 50 50-53 75, few 54 50-55.25; Yield grade 2 1000-1400 lb 47 75-51.00, few 45.00-47 75

VEAL CALVES: Vealers mostly steady. Demand fair for calves to return to farm.

VEALERS: Few Prime special fed 240-320 lb. 100 00-111 00; Choice 140-300 lb 88.00-97.00, few 97 00-100 00; high Good and low Choice 120-280 lb 65 00-90 00, 80-120 lb 45 00-54 00, few 54.00-58 00, 60-80 lb 34 00-45 00.

RETURNED TO FARM. Bulk 80-115 lb Holstein Bulls 70 00-85 00, few 85 00-93.00, few 100-120 lb Holstein Heifers 85 00-120.00

SHEEP: Insufficient volume for a market test, one lot Choice 75-120 lb wooled Lambs 53 00-56 00; Utility and Good Slaughter Ewes 18.00-35.00

GOATS All Goats sold by the head mainly 25.00-38 00

Lancaster Weekly

Friday, November 20

	Cattle	Calves
This Week	4000	1560
Last Week	4260	1590
Last Year	3179	1580

CATTLE: Slaughter steers opened the week 1.00-1.50 higher, sales progressively lower each day thereafter, closing .50-1.00 lower with some sales Good to low Choice 1.50 lower; slaughter heifers .75-1.50 lower; cows closed the week 1.00-2.00 lower; bulls and bullocks mostly steady. Supply included 37 per cent slaughter steers, 20 per cent cows, 8 per cent bulls, 6 per cent heifers with the balance feeder steers many held for Friday's auction. Slaughter steer supply mainly Good to Average Choice with high Choice and Prime scarce after Monday.

SLAUGHTER STEERS: High Choice and Prime 2-4 1250-1300 lbs. mainly on Monday 64.50-65.50, couple head 65.50-66.85; Good and Choice 1-2 1050-1425 lbs. 63.50-65.50, few head 65.50-66.75; Choice 2-4 1050-1325 lbs. closed the week at 61.50-63.50, high Good and low Choice 2-3 59.75-62.00, Good 2-3 56.00-60.50; Good and Choice 1150-1425 lbs. holsteins 54.25-58.25; Standard 1-2 900-1100 lbs. 49.00-53.00.

SLAUGHTER HEIFERS: Choice 2-3 875-1050 lbs. 58.00-62.50, few Yield Grade 2 62.50-64.75; Good 2-3 800-1050 lbs. 53.00-59.00.

COWS: Utility and Commercial 1-3 38.50-40.50, several mainly early part of week 40.50-43.00, Cutters 1-2 36.00-39.50, few 39.50-41.00, Canner and low Cutter 32.50-36.50

BULLOCKS: Choice 1000-1375 lbs. 58.75-61.75, several 62.00-65.25; Good 1000-1300 lbs. 53.50-58.50, few 850-1025 lbs. 46.50-52.50.

BULLS: Yield Grade 1 1350-1900

(Turn to Page A15)

LANCASTER STOCKYARDS
WEEKLY SALES

SLAUGHTER SALES — MON. & WED. 10:00 A.M.
VEALERS, LAMBS, HOGS — MON. & WED. 11:00 A.M.
HOG AUCTION — SATURDAY 9:30 A.M.
STOCKER & FEEDER — FRIDAY 11:00 A.M.

NEXT FEEDER PIG SALE — NOV. 24

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11 A.M.
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(no calves or sheep Friday)
Get calves in early. We start to grade and weigh at 2:30.

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Hog Sale

Starting Friday, October 16 for Hay and Straw Sale.

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Home Phone
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L. Robert Frame, Manager
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HAY, STRAW & CORN
— SALE —
Every Friday at 12 Noon

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MONDAY'S AUCTION
8 00 A M Fat Hogs
10 00 A M Horse Sale
11 00 A M Hay, Straw & Ear Corn
1 30 P M Fat Steers Bulls Cows & Veal

WEDNESDAY'S AUCTION
12 00 Noon Dairy Sale
1 30 P M Feeder Pig Sale

THURSDAY'S AUCTION
11 00 A M Beef Sale
Order of Sale Bulls Fat Steers Cows Veal
3 30 P M Calf Sale

NEW HOLLAND
SALES STABLES INC.
New Holland PA
Abram W Diffenbach Manager
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17547
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1 mile East of Fredericksburg along Route 22
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JONESTOWN
865-2881
Sale every Tuesday at 1 30 P M starting with feeder cattle and pigs
Also Hay Sale every Tuesday at 12 30

Hog Markets

Lancaster Hogs

Lancaster Stockyards
Report supplied by USDA
Monday, Nov. 16

HOGS: Barrows and gilts steady to 50 lower.

BARROWS AND GILTS: US 1-2 205-250 lbs. 46.00-46.75, Few 46.85-47.00; US 1 205-245 lbs. 47.50-49.50, Few Selected 50.00-50.85. US 1-3 220-265 lbs. 45.50-46.25.

Tuesday, Nov. 17
Report supplied by USDA

Today	338
Last Tuesday	258

TREND: Compared to Monday barrows and gilts steady to 25 lower, instances 50 lower.

BARROWS AND GILTS: US 1-2 200-240 lbs. 45.85-46.35; US 1 210-240 lbs. 47.00-47.50, Few 47.50-48.50; US 1-3 210-260 lbs. 45.50-46.00.

Wednesday, Nov. 18
Report supplied by USDA

HOGS: Barrows and gilts 75-1.00 lower.

BARROWS AND GILTS: US 1-2 200-245 lbs. 45.00-45.75, few 45.75-46.00; US 1 205-245 lbs. 45.75-47.75, few 48.00-49.00; US 1-3 210-265 lbs. 44.50-45.25.

Lancaster Hogs

Lancaster Stockyards
Saturday, Nov. 14
Report supplied by auction

1340 hogs.

U.S. #1 210-235 lbs. 48.50-49.75, few to 50.00-50.50; U.S. 1 & 2 210-245 lbs. 46.35-47.25; U.S. 2 & 3 200-255 lbs. 46.00-46.25; Sows 350 lbs. and up 39.50-43.50; Boars 200 lbs. and up 37.00-39.50.

Indianapolis Hogs

Thursday, November 19

HOGS: 1500. Barrows & gilts active, 25 instances 50 higher. US 1-2 220-250 lbs. 43.75 to mostly 44.00.

SOWS: Not well tested. (3%). US 1-3 Lot 375 lbs. 39.50. Couple Lots 450-490 lbs. 43.00-44.50.

BOARS: Few under 250 lbs. 35.50.

St. Louis Hogs

Thursday, November 19
Report supplied by USDA

HOGS: 6000. Barrows & gilts fairly active, steady. US 1-2 200-240 lbs. 43.25-43.50; US 1-3 230-250 lbs. 42.50-43.25; 250-260 lbs. 42.00-42.50.

SOWS: Uneven, weights under 500 lbs. steady-50 lower, over 500 lbs. 50-1.00 higher. (About 8%). US 1-3 300-500 lbs. 37.50-39.50; Over 500 lbs. 43.50-46.00.

BOARS: Over 250 lbs. 36.25-36.50; 200-250 lbs. 38.00.

Peoria Hogs

Thursday, November 19
Report supplied by USDA

HOGS: 3500. Barrows & gilts moderate, 50 higher. US 1-2 200-240 lbs. 43.00-43.50, 125 head 43.75; US 1-3 200-240 lbs. 42.50-43.00.

SOWS: 50-1.00 higher. (12%). US 1-3 350-425 lbs. 37.50-38.00; 425-500 lbs. 41.00-44.00; 500-650 lbs. 44.00-45.50.

BOARS: Over 350 lbs. 37.00; Under 350 lbs. 37.50-39.00.

Lancaster Feeder Pigs

Tuesday, November 17
Report supplied by USDA

Today	1301
Last Tuesday	1002
Last Year	1811

TREND: Compared to last Tuesday feeder pigs uneven, weights under 50 lb. 10.00-15.00 lower, weights over 50 lb. firm to 5.00 higher. All pigs weighed on arrival and sold by the hundred weight.

US 1-2: 72 head 34-36 lbs. 89.00-94.00; 276 head 40-47 lbs. 90.00-94.00; 202 head 40-49 lbs. 79.00-88.00; 109 head 50-51 lbs. 91.00-96.00; 176 head 50-59 lbs. 77.00-81.00; 81 head 60-69 lbs. 63.00-85.00; 21 head 71-75 lbs. 64.00-72.00.

US 2-3: 100 head 26-40 lbs. 65.00-81.00; 51 head 41-45 lbs. 72.00-84.00; 21 head 55 lbs. 71.00; 20 head 61-66 lbs. 61.00-68.00; 16 head 70-75 lbs. 42.00-58.00.

New Holland Feeder Pigs

Wednesday, November 18
Report supplied by USDA
Feeder Pigs

Today	928
Last Wednesday	892
Last Year	1360

TREND: Compared to last Wednesday feeder pigs mostly steady, instances 3.00 higher on weights over 50 lb. All pigs weighed on arrival and sold by the hundred weight.

US 1-2: 53 head 20-27 lbs. 95.00-103.00; 82 head 30-39 lbs. 72.00-89.00; 242 head 40-49 lbs. 73.00-85.00; 66 head 56-57 lbs. 70.00-75.00; 78 head 61-71 lbs. 69.00-71.00; 48 head 74-88 lbs. 52.00-58.00.

US 2-3: 62 head 17-29 lbs. 70.00-80.00; 113 head 30-39 lbs. 61.00-73.00; 54 head 45-55 lbs. 70.00-73.00; 16 head 67-70 lbs. 50.00-58.00.

U.S. Inspected Livestock Slaughter

Estimated Daily Livestock Slaughter — Thursday, Nov 19
Report supplied by USDA ***Estimated Daily Livestock Slaughter***
Under Federal Inspection

	CATTLE	CALVES	HOGS	SHEEP
This Week	524,000	45,000	1,400,000	93,000
Last Week	469,000	40,000	1,274,000	83,000
Last Year	486,000	36,000	1,525,000	80,000

Market courtesy of USDA.

Chicago Grain Futures

(Closing Bids as of Thursday Nov. 19)

	Corn	Wheat	Soybeans	Soybean Meal
Nov.	—	—	7.06½	—
Dec.	2.74¾	4.21		186.20
Jan.	—	—	6.48½	188.60
Mar.	2.93¼	4.46¾		192.90
May	3.05	4.59¼	6.82¼	

Trend - Corn is higher, Wheat is lower, Soybeans are higher, Soybean Meal is higher.

Market Provided by Commodity Department
Dean Witter Reynolds, Inc.

Special Feeder Pig Sale

Marion, Va.
Wednesday, Nov. 11
Report supplied VDA

There were 1,019 head sold. All pigs were graded by Representatives of the VDACS's Bureau of Livestock Marketing Services on USDA standards and sold by the hundredweight.

US 1-2's 40-50 lbs. $78.75; 51-60 lbs. $73.75; 61-70 lbs. $63.75; 71-80 lbs. $55.75; 81-125 lbs. $48.75.

US 3's 40-50 lbs. $68.75; 51-60 lbs. $63.75; 61-70 lbs. $55.75; 71-80 lbs. $48.75; 81-125 lbs. $43.75.

Utility & US 4's 40-50 lbs. $53.75; 51-60 lbs. $48.75; 61-70 lbs. $43.75; 81-125 lbs. $33.75.

Futures Trading

(Closing Bids as of Thursday, Nov 19)

	Chicago Cattle	Chicago Hogs	New York Maine Potatoes
Dec.	66.15	46.62	
Feb.	62.70	47.80	
Apr.	62.67	45.57	8.45

Trend - Cattle are lower, Hogs are lower. Potatoes are lower.

Market Provided
by Commodity Department
Dean Witter Reynolds, Inc.

New Holland Dairy

New Holland, Pa.
Wednesday, Nov. 18
Report supplied by auction

Reported receipts of 94 cows, 117 heifers, and 6 bulls. Market steady.

Load of Pa. fresh cows, 740.00-1280.00; Load of Pa. fresh cows, 875.00-1300.00, springers 900.00-1110.00; Load of Butler Co. springers, 825.00-1210.00; Load of Wisc. fresh cows, 1210.00-1300.00; Load of NY fresh cows, 935.00-1650.00, springers 1375.00-1650.00.

Locally consigned cows 450.00-1425.00; Springing heifers 750.00-1220.00; Open Heifers 440.00-630.00, Bulls 380.00-640.00.

New York Multiple Drop Broiler Report

Wednesday, Nov. 18

RANGE: U.S. Grade A 43-36½, Plant Grade TFEWR; Premium (X) U.S. Grade A 47-48.

WTD. AVG.: U.S. Grade A 45.80, Premium (X) 47.91.

(X) Includes special services, selected competitive brands, etc.

Special Feeder Pig Sale

Harrisonburg, Va.
Tuesday, Nov. 10
Report supplied by VDA

There were 2,643 head sold. All pigs were graded by Representatives of the VDACS's Bureau of Livestock Marketing Services on USDA standards and sold by the hundredweight

- US 1-2's 30-39 lbs. $86.75; 40-49 lbs. $76.00; 50-59 lbs. $70.00-75.00; 60-69 lbs. $65.50-66.50; 70-84 lbs. $56.00-58.50; 85-100 lbs. $54.00.

US 3's 30-39 lbs. $92.50; 40-49 lbs. $75.00; 50-59 lbs. $60.50-65.00; 60-69 lbs. $58.50; 70-84 lbs. $52.00; 85-100 lbs. $45.00.

Utility 30-39 lbs. $63.00; 40-49 lbs. $52.00; 60-69 lbs. $51.00.

US 4's 30-39 lbs. $70.00; 40-49 lbs $55.00; 70-84 lbs. $44.00.

New Holland Hogs

Monday, Nov. 16
Report supplied by USDA

Today	1562
Last Monday	1491
Last Year	1739

TREND: Barrows and gilts steady, instances 25 lower.

BARROWS AND GILTS: US 1-2 200-245 lbs. 45.75-46.25; US 1 205-250 lbs. 48.00-49.00, Few 49.10-49.35; US 1-3 210-260 lbs. 45.25-45 75.

Vintage Hogs

1&2 210-235 44.50-45.75; 2&3 200-245 43 50-44 50; Sows 300-500 35-38; 1 Boar 680 lb 36 50.

Saturday, Nov. 14

1&2 46 50-48, 2&3 45-46 50, Sows 39-41, Boars 38 00.

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The result is LESS SHRINK.

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Tuesday, November 24, at 1:00 PM

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Poultry Markets

Weekly New York Egg Market

From Friday, Nov. 13 to Nov. 20

	Fri.	Mon.	Tues.	Wed.	Thurs.
WHITE					
Jumbo	87	87	87	87	87
Ex Large	85	85	85	85	85
Large	84	84	84	84	84
Mediums	82	82	82	82	82
Pullets	63	63	63	63	63
BROWN					
Jumbo	100	100	100	100	101
Ex Large	94	94	94	95	96
Large	92	92	92	93	94
Mediums	Unquoted				
Pullets	Unquoted				
Peewees	Unquoted				
Off Grade					
Large	76	76	76	76	76
Checks	46	46	46	46	46

Tone. Buying interest improved. Supplies ample Market steadier.
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Nest Run Eggs

Prices are from Egg Clearinghouse, Inc., (ECI) Durham, N.H. and reflect trading prices for gradable nest run eggs (GNR) on ECI, a nationwide trading center for producers, packers and marketers GNR eggs are classified by weight in 30-dozen cases, and traded in lots of either 300 or 750 cases Prices are FOB buyers dock, and are computed Tuesday and Thursday of each week This week's prices for each classification were.

Classification	Net Weight Per Case	Nov. 17 Tuesday	Nov. 19 Thursday
Class 1 - Large	48 lbs.	68½	65
Class 2 - Large	45 lbs.	65	64
Class 3 - Medium	42 lbs.	62	62
Class 4 - Small	39 lbs.	53	53
Breaking Stock	48 lbs.	55	55
Checks	48 lbs.	50	50

Baltimore Eggs

Wednesday, Nov. 18
Report supplied by USDA

Market steady Demand irregular ranging slow to fairly good Supplies adequate. Additional offerings of graded large at 68 cents and graded medium at 66 cents reported.

Cartoned Eggs Prices to retailers, state graded (min one case sale) white.

Grade A Large	84-89
Grade A Medium	82-87

Lancaster Farming

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P.O. Box 366 - Lititz, PA 17543
Office: 22 E. Main St., Lititz, PA 17543
Record-Express Office Building
Phone: Lancaster 717-394-3047
or Lititz 717-626-1164

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Subscription Price
$7 50 per year, $13 00 2 years
$12 00 per year outside of PA NJ MD DE NY VA & WV

Established November 4 1955
Published every Saturday
by Lancaster Farming Lititz PA
Second Class Postage paid at Lititz PA 17543 USPS 304 040

For address change form or new subscription see Mailbox Markets

Members of Newspaper Farm Editors Assn., Pa. Newspaper Publishers Association, and National Newspaper Association.

Fogelsville Poultry

Fogelsville, Pa.
Tuesday, Nov. 10
Report supplied by USDA

HENS, LIGHT TYPE. range 5-12, mostly 5.

HENS, HEAVY TYPE. range 12-32, mostly 26.

PULLETS: range 30-58, mostly 56

ROASTERS. range 48-56, mostly 56

CAPONS. range 75.

FRYERS: range 46-54, mostly 46

DUCKS. range 40-98, mostly 90

DRAKES. range 40-98, mostly 90

GEESE: range 50-78, mostly 50.

RABBITS. range 40-105, mostly 85.

GUINEAS. range 106-117, mostly 116.

PIGEONS (PER PAIR). range 150-250, mostly 150.

JUMBO SQUAB. range 220-481, mostly 400.

TOTAL COOPS SOLD: 450.

Eastern Pa. & N.J. Poultry

Wednesday, Nov. 18
Report supplied by USDA

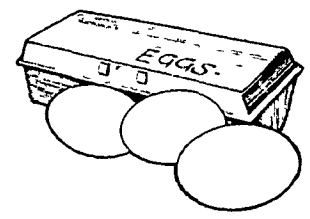
Prices on light type hens held about steady. Farm offerings light as producers hold for further production in face of good egg prices. Processor demand fairly good. Offerings of heavy type adequate for a fairly good call.

Prices Paid at Farm:

Light Type Hens: 10-11, mostly 10½-11.

F.O.B Plant 12-13, mostly 12½-13

Heavy Type Hens. Too Few To Report.



Philadelphia Eggs

Wednesday, Nov. 18
Report supplied by USDA

Prices unchanged. Cartoning demand fair to good. Offerings fully adequate on all sizes. Undertone steady although occasionally nervous as out movement to retailers often slower than expected

Prices to Retailers. Sales to volume buyers, consumer grades white eggs in cartons delivered store door

A Extra Large 82½-86, A Large 81½-85, A Medium 78-82

N. E. Weekly Shell Egg Report

Tuesday, Nov. 17
Report supplied by USDA

Prices paid per dozen Grade "A" Brown eggs in cartons delivered to retail stores

	Ex. Large	Large	Medium	Small
MASS.X	97-103	96-102	90-97	63-70
Mostly	99-101	98-100	92-95	65-68
N HAMP	92-98	90-97	85-91	58-64
Mostly	92-97	91-96	85-90	60-63
R I.	101-102	100-101	94-95	67-68
VERMONT	99-105	98-102	92-97	–
Mostly	101-104	100-101	94-96	–
MAINE	97-99	96-98	90-92	63-65

X Includes Central and Western Sections only.

Heinsey's Poultry Market

Root's, East Petersburg
Tuesday, Nov. 17
Report supplied by auction

MUSCOVY DUCKS, DRAKES: range .70-.96 per lb.

MUSCOVY DUCKS, HENS: range .50-.64 per lb.

PEKING DUCKS. range .50-.62 per lb.

PULLETS: 6-8 lbs. range .48-.54 per lb.

RED FOWL. 4-5 lbs. range .18-28 per lb.

RED FOWL. 5-6 lbs. range .26-.36 per lb.

CROSSBRED FOWL: 6-9 lbs. range .26-.34 per lb.

CROSSBRED ROOSTERS: 4-6 lbs. range .40-.62 per lb.

CROSSBRED ROOSTERS. 7-11 lbs. range .40-.58 per lb.

CAPONS: 10-13 lbs range .62-.70.

GUINEA FOWL: range 1.05-1.40 ea.

BANTY ROOSTERS: range 1.50-3.00 ea.

BANTY HENS. range .25-.85 ea.

GEESE 8-15 lbs range .32-.76 per lb.

TURKEYS 15-32 lbs. range .35-.48 per lb

PIGEONS. range .80-1.20 ea.

WHITE PIGEONS range 1.50-2.35 ea.

RABBITS: 4-6 lbs. range .62-.96 per lb.

RABBITS: 7-10 lbs. range .40-.68 per lb.

GUINNEA PIGS: range .10-1.25 ea.

GOATS: range 26.00-39.00 ea.

KID GOATS: 19.00-27.00 ea.

TOTAL AMOUNT COUPS: 815.

Delmarva Poultry

Wednesday, Nov. 18
Report supplied by USDA

R.T.C. movement seasonally slow on all items except legs which are very slow and freely offered. Slaughter schedules reduced as several plants not operating. Today's L.T.L. asking prices barely steady at 45-48 cents on U.S. Grade A. Advance interest nil. Live supplies fully adequate at weights generally within desirable ranges. Undertone nominal.

Estimated slaughter of broiler fryers in Delmarva (000).

Estimated 11/18 1292; Actual 11/11 1480, Actual 11/16 1771; Average Weights 11/16 4.23, 11/9 4.26

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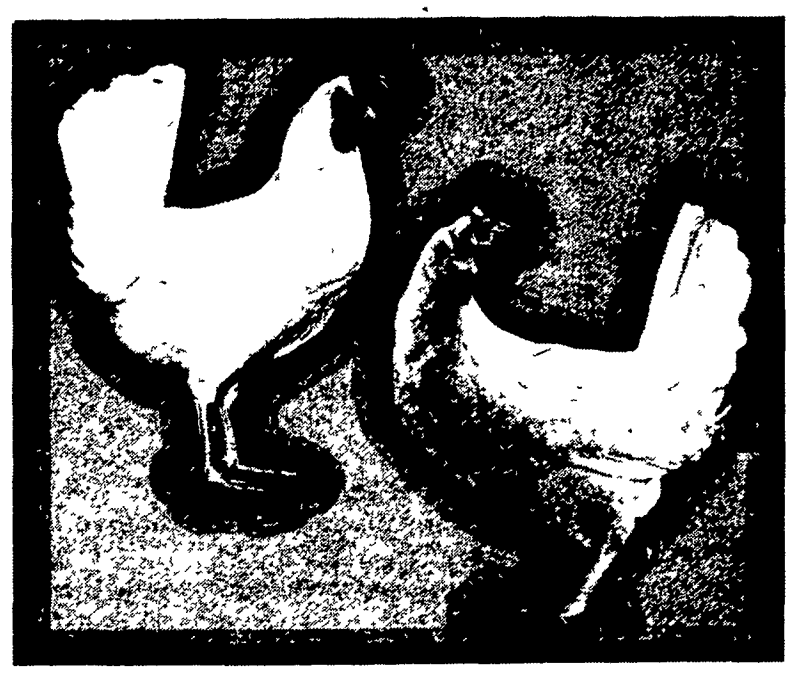

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Livestock market and auction news

Hay Markets

Frederick Co. Hay

Buckeystown, Md.
Thursday, Nov. 19
Report supplied by auction

25 loads.

Alfalfa 100.00-127.00, Mixed 73 00-87.00; Second Cutting Clover 60 00-64.00; Timothy 83 00-109.00; one Fodder 38.00; Wheat Straw 42 00-66.00; one Firewood 79.00 cord; Wet Sawdust 7.00; Foxtail Grass 31.00; one New Ear Corn 60 00.

NOTE. Sale will be held Thanksgiving Day

Regional Hay

Friday, Nov. 13
Report supplied by PDA

(All hay No. 2 and better, prices paid by the dealers at the farm and per ton.)

Hay & Straw steady.

Alfalfa 80.00-110 00, mostly 90.00-100.00. Mixed hay 75.00-80.00, few down to 65.00. Timothy hay 60.00-80.00. Straw 40.00-50.00. Mulch 30.00-45.00.

Green Dragon Hay

Ephrata, Pa.
Friday, Nov. 13
Report supplied by PDA

52 loads hay and 11 loads straw.

Alfalfa 95.00-105.00, few to 126.00; Mixed hay 85.00-125.00, one at 143.00; Timothy hay 89.00-110.00; Clover, one load at 100.00; Orchard Grass, one load at 93.00; Straw 51.00-80.00; Ear Corn, 17 loads 67.00-77.00, couple to 107.00; Corn Fodder, 3 loads 36.00-47.00.

New Holland Hay

New Holland Sales Stables
Monday, Nov. 16
Report supplied by auction

129 loads.

Alfalfa 115.00-135.00, few down to 90.00; one load stemmy 60.00; Timothy 90.00-120.00, few to 125.00, poor quality down to 65.00; Mixed 90.00-130.00 for good quality, poor down to 70.00; Mixed Meadow Grass 80.00-90.00; Straw 65.00-75.00, one load to 81.00; few Oat Straw 52.00-60.00; Corn Fodder 40.00-43.00; New Ear Corn 70.00-75.00; Old Ear Corn one load at 112.00.

Good's Hay

Leola, Pa.
Wednesday, Nov. 18
Report supplied by auction

121 loads.

Mixed 80.00-128.00; Alfalfa 89.00-157.00; New Corn 66.00-84.00; one Old Corn 116.00; Timothy 91.00-121.00; Straw 41.00-65.00; one Mulch 30.00; one Orchardgrass 79.00; 3 Corn Fodder 44.00-47.00; two Soybean Stems 39.00 & 47.00.

Pa. Grain

Monday, Nov. 16
Report supplied by PDA

Compared with last Monday's market for Southeastern, Central and South Central Pa. Corn uneven, mostly steady to 10 cents lower. Wheat, Barley & Oats unevenly steady. New Ear Corn steady to strong.

Prices paid delivered to dealers dock - (All prices per bushel, except Ear Corn per ton.)

Southeastern Pa.

Corn No. 2-y range 2.44-2.70, average 2.59; Wheat No. 2 range 3.15-3.84, average 3.46; Barley No. 3 range 2.00-2,25, average 2.13; Oats No. 2 range 1.85-2.08, average 1.96, Soybeans No. 1 range 5.70-5.95, few reported down to -5.53, average 5.79; Grain Sorghum No. 2 range 2.12, average 2.12; Buckwheat range 9.80, average 9.80; Old Ear Corn range 71.00-90.00, average 77.19; New Ear Corn range 56.00-68.00, average 62.68.

Central Pa.

Corn No. 2-y range 2.40-2.65, few reported down to -2 30, average 2.50; Wheat No. 2 range 3.00-3.50, few reported 3.90, average 3.36; Barley No. 3 range 2.00-2.20, average 2.08, Oats No. 2 range 1.55-1.80, average 1.70; Soybeans No. 1 range few reported 5.60, average 5.60; Grain Sorghum No. 2 range 2.20-2.30, average 2.25; Buckwheat range 9.00-10.00, average 9.50; Old Ear Corn range 72.00-80.00, average 76.83; New Ear Corn range 48.00-56.00, average 51.48.

South Central Pa.

Corn No. 2-y range 2.45-2.57, average 2.53; Wheat No. 2 range 2.85-3.60, mostly 3.00-3.35, average 3.16; Barley No. 3 range 2.00-2.25, average 2.15; Oats No. 2 range 1.80-2.00, average 1.90; Old Ear Corn range 61.00-75:00, average 69.36; New Ear Corn range 55.00-63.00, few reported 70, average 60.37.

Western Pa.

Corn No. 2-y range 2.40-2.70, average 2.56; Wheat No. 2 range 3.00-3.15, average 3.05; Barley No. 3 range 2.20-2.25, average 2.23; Oats No. 2 range 1.70-2.00, average 1.85; Buckwheat range 8.00, average 8.00; Old Ear Corn range 70.00-72.00, average 71.00.

Southeastern, Central & South Central Summary

Corn No. 2-y range 2.40-2.70, average 2 55; Wheat No. 2 range 3.00-3.70, average 3.37; Barley No. 3 range 2.00-2.25, average 2.12; Oats No. 2 range 1.60-2.00, average 1.82; Old Ear Corn range 70.00-82.00, average 75.33; New Ear Corn range 50.00-68.00, average 58.68.

New Holland Horse

Monday, Nov. 16
New Holland Sales Stables
Report supplied by auction

Reported receipts of 218 head of horses, mules, and ponies. Market: stronger.

Better horses 425.00-900.00, Driving horses 350.00-800.00; Riding horses 275.00-375.00; Lightweight killers 250.00-325.00; Heavyweight killers 375.00-510.00; Mares 30.00-110.00; Colts 15.00-30.00; Geldings 30.00-110.00; Larger ponies 125.00-200.00.

Oklahoma Cattle

Thursday, November 19
Report supplied by USDA

Estimated Receipts	6,800
Same Day Last Week	5,964

Moderately active; feeder cattle and calves steady to 1.00 lower. Supplies mainly Medium Frame 1 and Mixed 1-2 400-700 lbs. feeder steers and heifers. Moderate attendance buyers.

FEEDER STEERS. Medium and Large Frame 1. 290-400 lbs. 70.00-72.10; 400-500 lbs. 68.00-70.10; 500-600 lbs. 64.00-66.75, 600-700 lbs. 63.50-65.70; 700-800 lbs. 63.25-64.40; 800-900 lbs 61.80-62.90. Small Frame 1. 490-660 lbs. 55.00-60.30. Medium and Large Frame Mixed 1-2: 340-385 lbs 64.75-69.50; 400-500 lbs. 64.25-65 75; 500-800 lbs. 60.25-63.50, few packages and part load 645-683 lbs. very thin 63 30-66.20. Medium and Large Frame 2. Package 425 lbs. 62.80; 690-950 lbs. 55.30-59.10; Large Frame 2: Holsteins part load 810 lbs. 54.00.

FEEDER HEIFERS: Medium and Large Frame 1. 300-500 lbs. 56.00-59.90; 500-600 lbs. 55.00-58.70; 600-700 lbs. 55.50-58.60. Small Frame 1: 375-475 lbs. 52.40-55.00. Medium and Large Frame Mixed 1-2. 250-400 lbs. 54.00-56.60; 400-500 lbs. 52.25-54.90; 625-715 lbs. 51.30-51.50; Medium and Large Frame 2. 380-715 lbs. 48.00-51.25, package 600 lbs. thin and gaunt 52.50.

FOR THE WEEK. Compared to late last week, feeder cattle and calves steady to 1.00 lower. Slaughter cows 1.00-2.00 lower with full decline on Utility and Commercial; late sales Utility and Commercial 2-3 36.00-37.80; package low-dressing 36.60; Cutter 1-2 33.40-36.30, package high yielding 37.10; Canner and Low Cutter 31.50-33.25; Slaughter bulls 5.00-6.00 lower; late sales YG 1-2 1100-1650 lbs. 44.75-47.75, few 1450-1900 lbs. late Tuesday 50.00-51.00. Salable receipts for the week totaled near 32,400 lb. head compared to 21,557 last week and 15,306 the comparable period a year ago. Majority receipts or fully 92 percent of the salable supply consisted of feeder cattle and calves; cows and bulls numbered near 2700 head, and comprised 8 percent of the available supply.

Carlisle Auction

Carlisle, Pa.
Tuesday, Nov. 10
Report supplied by auction

CATTLE: STEERS: Good 60.75-60.85; Standard 51.00-56.00; Utility 44.00-49.00. HEIFERS: Good 55.50-57.25; Utility 43.00-45.25. COWS: Utility & Commercial 40.10-42.35; Cutter 36.00-41.75; Canner & Low Cutter 33.50-37.00; SHELLS down to 31.00. BULLS: Yield Grade No. 1 49.75-52.75; Yield Grade No. 2 44.75-46.50.

FEEDER STEERS: 47.00-61.00.

CATTLE HEIFERS: 43.50-48.00.

BULLS: 47.00-56.00.

CALVES: VEALERS: Good 79.00-99.00; Standard & Good 70.00-82.50; Standard & Good 60.00-75.00.

HOGS: Barrows & Gilts US No. 1-2 43.50-45.60; US No. 1-3 38.75-43.00. SOWS: Boars 36.25-36.50.

FEEDER PIGS: US No. 1-3 20.00-32.00; No. 1-3 30.00-41.00.

SHEEP: LAMBS: Good 45.00-54.00; Utility 37.00-41.00.

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BRED GILT SALE
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Every 4 Weeks
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50 to 60 Head
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Due to farrow 3 days to 4 weeks after sale date Now everything vaccinated for both Lepto & Erysipelas, wormed and sprayed for lice
Local Trucker Available.
No Hogs Sold On Commission.
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JOHN B. STOLTZFUS
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Abe Diffenbach, Auctioneer

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Mount Joy, Pa. 17552
REGISTERED HOLSTEIN BULLS
PACLAMAR BOOTMAKER, born 8/1/80. Dam-Elevation 2-0, 305d 17,300M, 678F, 3.9T.
GLEN-VALLEY STAR, born 2/29/80. Dam-Round Oak Rag Apple Elevation.
S-W-D VALIANT, born 3/31/81. Dam-Skagvale Startrek EX90. GrDam-Paclamar Citation M (VG) 7-10, 305d 22,460, 716, 3.7.
AUDETS FOND MATT, born 5/24/81. Dam-Round Oak Rag Apple Elevation VG 88. 2-3, 365, 23,481, 813, 3.4. GrDam-Whirlhill Kingpin GP 83. 6-9, 365, 26,868, 1,089, 4.1.
STRAIGHT-PINE ELEVATION PETE, born 11/5/80 Dam-Long-Haven Payday VG 86, 4-8, 323, 19,208, 724, 3 7
STRAIGHT-PINE ELEVATION PETE, born 5/13/80 Dam-Paclamar Christmas 87 pts. at 4 years old 4-6, 305, 15,458, 735, 4 2 GrDam-Seiling Rockman EX 90. 5-3, 288, 14,602, 666, 4.6; 6-2, 302, 18,578, 819, 4.4; 8-2, 332, 17,614, 789, 4 4
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Livestock market and auction news

Eighty-Four Livestock

Eighty-Four, PA
Monday, November 16
Report supplied by PDA

CATTLE 302: Compared with last Monday's market, slaughter cows steady to $1, spots $2 lower. Few Standard and Good slaughter steers 48.75-55.50, one at 57.00, few Utility 40 00-45.25. Individual Choice slaugher heifer at 54.50, few Good and Choice slaugher heifers 45.00-48.00. Utility & Commercial slaughter cows 39.00-42.25, Commercial 4-5, 37.25-40.50, Cutters 35.00-39.00, Canner & Low Cutters 30.00-35.00, few Shells down to 25.00. Standard slaughter bullocks 42.00-48.50. Yield grade #1, 1050-1915 lbs. slaughter bulls 44.50-50.00, one 52.50, #2, 1490 lbs. at 47.25. Medium Frame #1, 300-700 lbs. feeder steers 54.00-58.50, Medium #2, 300-500 lbs. 48.00-54.00, 600-900 lbs. 48.50-55.00. Medium Frame #1, 350-560 lbs. feeder heifers 44.00-48.25, few Medium #2, 580-710 lbs. 42.50-45.75. Medium Frame #1 & 2, 450-600 lbs. feeder bulls 46.00-56.00, few 58.75, few Medium #2, 550-700 lbs. 45.00-46.50.

CALVES 393: Vealers grading Good & Choice mostly 2.00-5.00 lower, Standard & Good steady to 5.00 lower, spots 10.00 lower. Few Prime vealers 92.00-96.00, Choice 83.00-89.00, Good 65.00-78.00, Standard & Good (few) 110-130 lbs. 50.00-60.00, 90-110 lbs. 47.50-52.50, 60-90 lbs. 40.00-48.00, few Utility 50-95 lbs. 32.00-44.00. Farm Calves: Hol. Bulls 90-130 lbs. 76.00-93.00; Few Hol. Heifers 90-130 lbs. 63.00-100.00; Good & Choice 175-360 lbs. slaughter calves 57.00-68.00, few 75.00.

HOGS 58: Two Lots US No. 1-2 200-204 lbs. barrows and gilts 47.50-49.00, two lots No. 1-3 240 & 265 lbs. 48.25 & 49.00, few No. 2-3 250-265 lbs. 45.00-48.00. US No. 1-3 360-645 lbs. sows 43.00-47.50. Few Boars 33.50-36.50.

FEEDER PIGS 22: Lot US No. 1-3 20 lbs. feeder pigs 16.00 per head, lot No. 1-3 42 lbs. at 24.00 per head.

SHEEP 134: Wooled slaughter lambs grading Choice strong to 2.00 higher. Choice 85-95 lbs. wooled slaughter lambs 46.75-48.25, one 49.00, few Good & Choice 90-97 lbs. shorn lambs 42.00-45 50. Utility & Good 50-75 lbs. feeder lambs 38.00-46.50. Slaughter sheep 19.50-21.50.

GOATS 15: Adults 18.50-41.00 per head, 5 Kids at 12.50 per head.

Lebanon Valley Auction

Fredericksburg, Pa.
Tuesday, November 17
Report supplied by PDA

CATTLE 189. Compared with last Tuesday's market, slaughter cows very uneven. Few Choice No. 2-4 985-1495 lbs. slaughter steers 60.75-64.00, few Good & Choice holsteins 58.00-59.00, few Good 58.25-63.00, Standard 53.10-58.25, few Utility & Low Standard 49.00-52.50. Few Choice 1035-1315 lbs. No. 4-5 slaughter heifers 49.60-58.50, few Utility & Standard 41.25-45.75. Utility & Commercial slaughter cows 39.00-42.60, few to 43.75, one at 46.50, Cutters 35.00-39.75, few to 40.25, Canner & Low Cutter 30.75-36.75, few Shells down to 20.10. Couple Choice slaughter bullocks 57 25 and 59.00, couple Good 53.25 and 54.25, one Standard at 54.00. Few Yield Grade #1 1155-1425 lbs. slaughter bulls 51.25-54.85.

CALVES 235. Vealers grading Standard & Good mostly steady. One Good vealer at 84.50, Standard & Good 90-115 lbs. 53.00-56.00, few to 60.00, 60-90 lbs. 49.00-55.00, Utility 45-110 lbs. 40.00-49.00. Farm calves, holstein bulls 80-140 lbs. 60.00-89.00, few to 93.00; holstein heifers 85-105 lbs. 100.00-126.00, few down to 60.00.

HOGS 249. Barrows & gilts steady to weak. US No. 1-2 200-240 lbs. barrows & gilts 46.10-46.60, one lot 47.00, No. 1-3 200-240 lbs. 45.60-46.35, few No. 2-3 195-205 lbs. 44 00-44.60, No. 1-3 150-190 lbs. 37.75-45.60. US No. 1-3 315-550 lbs. sows 39.50-43.00, few No. 2-3 445-470 lbs. 38.75-39.75. Few Boars 34.75-36.00.

FEEDER PIGS 8. Few US No. 1-3 40-50 lbs. feeder pigs 72.00-79.00 cwt.

SHEEP 29. Few Choice 75-95 lbs. wooled slaughter lambs 45.00-57.00, few 115-130 lbs. 40.00-41.00, few Good 55-90 lbs. 40.00-45.00. Slaughter ewes 20.00-25.00.

Westminster Livestock Auction

Westminster, Md.
Tuesday, Nov. 10
Report supplied by auction

BUTCHER COWS. Active bidding on larger run! $1 50 higher. High Yield 41.50-43.00, several Commercial 44.00-49.50, Standard & Utility 39.00-41.50; Canners 36.00-39.00; Shelly 37.00 Down. Bulls One high yield 1500 lbs. at 52.00; Few Fat Type 42.00-46.00; Steers One 1560 lbs. at 57.25; Bulk Good & Choice 900-1100 lbs. 54.00-57.00 Heifers 2 Choice 1000 lbs. at 56.50 & 57.00.

BUTCHER HOGS: Scarce! Good demand from county butchers. SOWS 300-500 lbs. 42.00-47.00; 500-700 lbs. 40.00-41.00; BOARS 400-600 lbs. 35.00-35.50.

VEAL CALVES: Small calves $4 lower - heavies steady. Good & Choice 75.00-85.00; Standard 65.00-75.00; Stocky & Thin 40.00-60.00; Killers 80-100 lbs. 51.00-56.00; Weak & Rough 50.00 Down.

CALVES RETURNED TO FARM: Holstein Heifers Few offered. Holstein Bulls Bulk 90-120 lbs. 58.00-66.00; few to 73.00; Beef Type 75-100 lbs. to 70.00; Sheep mainly 10.00-20.00 per hundred.

STOCK CATTLE: Large run, $2-$3 lower. Steers 300-500 lbs. Choice 54.00-57.00; Good 50.00-54.00; 500-700 lbs. Good to Choice 50.00-54.00; Holsteins 500-800 lbs. 40.00-45.00. HEIFERS: 300-700 lbs. Choice 45.00-48.00; Good 42.00-45.00; Holsteins 300-500 lbs. to 60.50. BULLS: 300-500 lbs. Good 47.00-54.00; Med. 40.00-47.00; 700-900 lbs. Good 42.00-47.00; One to 52.00.

PIGS AND SHOATS: Good run, smaller pigs lower. By the Head 15-30 lbs. 12.00-18.00; 30-60 lbs. 20.00-28.00; 60-90 lbs. 30.00-40.00.

Morrison Cove Livestock Auction

Martinsburg, Pa.
Monday, November 16
Report supplied by Auction

CATTLE 234: High Choice & Prime slaughter steers 60.00-62.75, Choice 58.50-60.25, Good 56.00-58.50, Standard 45.00-52.50, Utility 40.00-45.25. Choice slaughter heifers 60.50-62.50, Good 58.25-60.25, Standard 52.50-56.75, Utility 42 50-49.25. Utility & Commercial slaughter cows 41.00-44.25, Cutters 38.50-40.75, Canner & Low Cutter 33.50-38.75, Shells down to 28 00. Choice slaughter bullocks 52 00-56.25, Good 48.50-52.25, Standard 43.50-48.50, Utility 40.50-42.50. Yield Grade #1 slaughter bulls 49.60-52.75; yield grade #2 43.50-48.50. Choice feeder steers 52.50-60.50, Good 50.00-52.50, Medium 42 50-48.50; Good feeder heifers 52.00-55.50, Medium 44.00-48.50; Good feeder bulls 52.00-53 50, Medium 42.00-48.50.

CALVES 353: Prime vealers 91.00-94.50, Choice 84.50-87.50, Good 66.50-76.50, Standard & Good 110-130 lbs. 60.00-66.50, 90-110 lbs. 52.00-60.50, 70-90 lbs. 45.00-50.00. Farm calves, holstein bulls 95-130 lbs 70.00-102.00; holstein heifers 90-130 lbs. 75.00-138.50.

HOGS 221: US No. 1-2 200-240 lbs. barrows & gilts 46.50-48.75, No. 1-3 45.25-46.00, few No. 2-3 at 44.50. US No. 1-3 300-600 lbs. sows 40.50-44.50, No. 2-3 93.50-41.75. Boars 34.00-38.50.

FEEDER PIGS 106: US No. 1-3 25-40 lbs. feeder pigs 17.50-22.50 per Head, No. 1-3 40-60 lbs. 22.50-34.50 per head.

SHEEP 3· Slaughter ewes 12.00-18 50.

GOATS 5: 13.00-36.00 per head.

Four States Livestock

Hagerstown, Md.
Wednesday, Nov. 11
Report supplied by auction

SLAUGHTER: Fed Steers $2.00 higher. Choice 58.00-60.25; Good 54 00-57.00; Medium 53.00 Down. Heifers Choice 53.00-53.75; Good 47.00-52.00; Medium 46.00 Down. Cows Good run, mostly steady prices. High Yield 42.50-43.75; Average 39.00-42.00; Big Middle 35.00-38.00; Fatty Herf. 34.00-37.00; Shelly 37.00 Down. Fat Bulls Steady. Good 43.00-45.75; Medium 38.00-42.00. Veal Calves Heavy calves higher. Light calves lower. Choice 84.00-89.00; Good 74.00-83.00; Medium 64.00-73.00; Farm Hfrs. to 70.00; Farm Bulls to 69.00; Light & Weak 51.00 Down.

STOCKER: Steers 300-550 lbs. $2 00 under last week. Choice 58.00-60 00; Good 53.00-57.00; Medium 46.00-52.00; Culls 45.00 Down. Steers 600-850 lbs. Choice 53.00-56 50; Good 46.00-52 00; Medium 45 00 Down. Heifers (All Weights) Choice 47 00-51.00; Good 40.00-46 00; Medium 39.00 Down. Bulls Choice 53.00-57.00; Good 46.00-52 00; Medium 45.00 Down. Pigs, Hd. steady prices. 20-30 lbs. 11.00-22.00; 40-60 lbs. 23 00-34.00. Shoats by Lb. to 39 00. Slaughter Hogs Heavy hogs higher. 210-230 lbs 44.00-45.00; 240-260 lbs 44 00-46.00; 190-205 lbs. 37 50-42.00; 270-330 lbs. 46.00-50.00. Sows 300-650 lbs. 42.00-45 50; Thin Sows 35.00-41.00.

Middleburg Auction

Middleburg, Pa.
Tuesday, November 17
Report supplied by auction

CATTLE 276. Compared with last week's market; Choice slaughter steers 60-63.60, Good 59-62.50, Standard 55.00-59. Utility 45.00-55. Choice slaughter heifers 56-59.85, Good 52 00-56, Standard 45.00-52. Utility & Commercial slaughter cows 36-43.10, few 44.75, Cutters 32-39.75, Canner & Low Cutters 25.00-32, Shells down to 20. Good slaughter bullocks 51.50-56.75. Yield Grade #1, 1200-1800 lbs. slaughter bulls 47.00-55.75, #2, 800-1200 lbs. 40.00-47.

CALVES 191. Choice vealers 85.00-95, Good 75.00-85, Standard and Good 90-110 lbs. 45.00-58, 70-90 lbs. 35.00-45. Farm Calves: Hol. Bulls 90-120 lbs 70.00-99; Hol. Heifers 80-150 lbs. 75.00-120.

HOGS 645. (11-16-81). US No. 1-2 210-235 lbs. barrows and gilts 46-47.60, No. 1-3 190-250 lbs. 45.50-46, No. 2-3 190-270 lbs. 42.50-45.50. US No. 1-3 300-600 lbs. sows 40.00-44, No. 2-3 200-500 lbs. 37.00-40. Boars 235-600 lbs. 38.00-39.

FEEDER PIGS 305. US No. 1-3 10-20 lbs. feeder pigs 7.00-18 per head, No. 1-3 20-40 lbs. 18.00-30, No. 1-3 40-60 lbs. 30.00-38 per head.

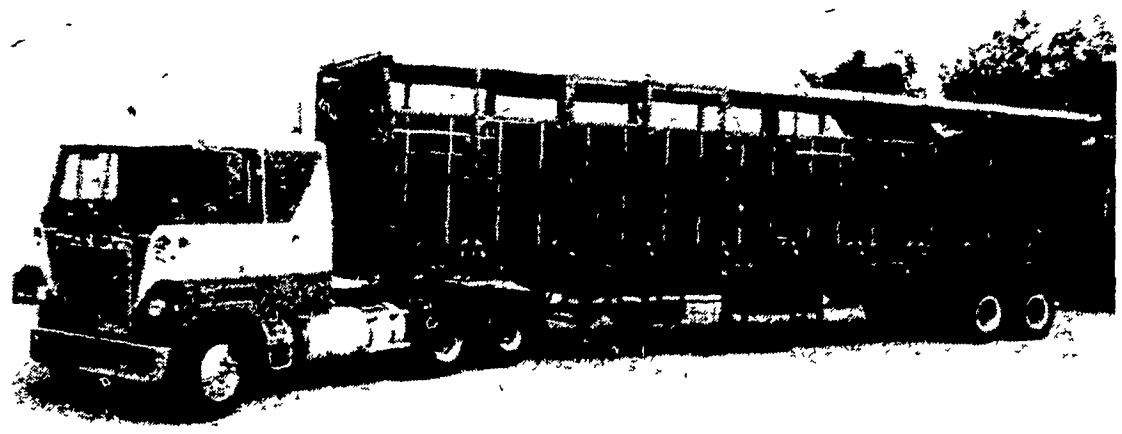
SHEEP 29. Choice 85-110 lbs. wooled slaughter lambs 45.00-51, Good 50-80 lbs. 35.00-45. Slaughter ewes 10.00-25.

GOATS 9. $14.00-$45 per head.

For quotations of next week's prices
call collect 215-488-7617
After 2:00 P.M. Wednesday

LESS LABOR

VERY SANITARY



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★ Easy to get to
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FRIDAY
NOV. 27
1:30 P.M.
WESTMINSTER
Livestock Auction
For directions or info call collect (301) 733-8120 or write box 108 Hagerstown, Md

Livestock market and auction news

THE OLD FARMER'S ALMANAC

NOV. 23-29, 1981

Sunny respite with thanks, then snowbanks

Clean leaves from gutters now Dr Harris revealed secrets of termites Nov 29, 1849 New moon Nov 26 (Thurs) Average length of days for the week, 9 hours, 26 minutes World War II food rationing ended, except sugar, Nov 23, 1945 A meal of soup steak, coffee, and pie cost 12¢ in NYC in 1834 *Use not today what tomorrow may want*

Ask the Old Farmer: Do you have a recipe or method for polishing bronze plaques that have oxidized and become unreadable? V O, Weston, Vt

Vinegar mixed with salt and flour to make a thick paste should do it Scrub the surface then wash and rinse and wipe dry This will clean brass and copper also

Home Hints Don t waste dry unused sponge cake Cut into slices and toast

OLD FARMER'S WEATHER FORECAST

New England: Mild, turning sunny and warm midweek, week ends with a cold wave

Greater New York-New Jersey Mild and seasonable all week, followed by a heavy snowstorm

Middle Atlantic Coastal: Week begins warm becomes clear and mild, weekend brings heavy snowstorm

Piedmont & Southeast Coastal. Very warm temperatures in early part of week turn seasonable, light rain changing to snow, end of week

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Joliet Cattle

Thursday, November 19
Report supplied by USDA

CATTLE: Friday through Wednesday's salable receipts 4,100; 5 days last week 4,067, same period a year ago 4,971 Slaughter steers ended the week steady to 50 higher compared with Wednesday of last week. Slaughter heifers ended the week steady to .50, instances 1.00 higher compared with Wednesday of last week Cows closed the week steady.

SLAUGHTER STEERS Mixed High Choice and Prime mostly YG 3 1250-1380 lb. 63.00, load 63.50 Monday, 61.50-62.00 Wednesday, 3-4, few 5, 1150-1400 lb. 62 00-62.75 Monday, 60.50-61.00 Wednesday, mostly 4 to 5 1250-1400 lb 60.00-61 00 Monday; 59 50-60.00 Wednesday Choice 2-4 1025-1350 lb. 61 00-62.50 Monday, 60.00-61.50 Wednesday; YG 3-5 1150-1350 lb. 60.00-61.00 Monday, 59 50-60.00 Wednesday. Mixed Good and Choice 2-3 950-1200 lb. 58.50-60.50 Monday; 58.00-60 00 Wednesday. Load Good 2 1200 lb. Holsteins 56.00 Monday.

Slaughter Heifers: Mixed Choice and Prime 2-4 950-1200 lb. 60.50-61.00, Package 61 50 Monday; 59.50-60 00 Wednesday Choice 2-4 900-1100 lb. 59 60-60.50 Monday; 58.00-59.50 Wednesday; mostly YG 4, few 5, 950-1100 lb. 58.50-59.50 Monday; 57.00-57.75 Wednesday. Mixed Good and Choice 2-3 800-1000 lb. 57 50-59.00 Monday; 56.00-57.50 Wednesday.

COWS. Cutter and Utility 1-3 36 00-40 00

G&M Livestock

Monday, November 16
Duncansville, Pa.
Report supplied by auction

Compared to last week, market report steers-steady, cows-higher, hogs-higher.

DAIRY COWS: 445.00-1190.00.

STEERS: High Choice and Prime 62.00-64.10; Good to Choice 54.00-62.00; Standard to Good 48.00-54.00.

HEIFERS: High Choice and Prime 60.00-62.50; Good to Choice 54.00-60.00; Standard 48.00-54.00; Utility 42.00-48.00.

BULLS. 1100-1748 lbs. 52.00-62.00; 900-1100 lbs. 48.00-54.00.

COWS: High Choice Prime 44.00-46.20; Good to Standard 42.00-44.00; Utility 40.00-42.00; Cutters 36.00-40.00; Canners Down to 30.50.

CALVES High Choice 85.00-92.50; Good to Choice 70.00-85.00; Standard to Good 50 00-70.00; Utility Down to 40.00.

FARM CALVES. Hol. Bulls 90-110 lbs. 70.00-89.00; Hol. Heifers 90-110 lbs. 100.00-140.00.

FEEDER PIGS: 15-35 lbs. 11.00-22.00; 35-50 lbs. 22.00-29.00.

HOGS: 220-240 lbs. 44.00-46.60; 170-300 lbs. 42.00-45.00.

SOWS. 43.00-46.25.

BOARS. 35.00-39.75.

LAMBS. 40.00-49.50.

GOATS. 12.00-18.00.

Dewart Auction

Dewart, Pa.
Monday, November 16
Report supplied by PDA

CATTLE 277. Compared with last Monday's market, slaughter cows 50 cents to $2.50 higher Few Low Choice 925-1100 lbs. No. 2-4 slaughter steers 59.75-61 85, Good 56.75-59.75, Standard 51.00-55.75, Utility 43.00-47 00. Few Choice slaughter heifers 55 25-58 75, few Good 52.75-55.50, few Standard 48.50-52.60 Utility & Commercial slaughter cows 37.60-40 10, few 42.25, Cutters 33 00-37 25, Canner & Low Cutter 28 00-32.50, Shells down to 25.00 Couple Standard slaughter bullocks 51 50 and 52.50. Few Yield Grade #1 1260-1960 lbs. slaughter bulls 44 50-54 00. One Lot Large Frame #1 500-550 lbs feeder steers at 60.00; Large Frame #1 400-600 lbs. feeder heifers 42 00-49.00.

CALVES 179 Few Choice vealers 76.00-88 00, few Good 60 00-70.00, Standard & Good 70-95 lbs. 45.00-59.00, few Utility 60-85 lbs 40.00-46.00. Farm calves, holstein bulls 85-130 lbs. 58.00-86.00, mostly 70.00-80.00.

HOGS 152. Barrows & gilts weak to $1 lower. US No 1-2 200-240 lbs barrows & gilts 46.00-47.85, No. 1-3 210-270 lbs. 45.00-47.10, one lot No 1-3 190 lbs. at 46.35. US No. 1-3 300-575 lbs sows 38.50-44.00, couple to 45.50. Few Boars 36.00-37.00.

FEEDER PIGS: US No. 1-3 20-35 lbs. feeder pigs 16.50-23.00, few lots 27.00 per head, few lots No. 1-3 50-70 lbs. 31.50-35.50 per head.

SHEEP 5. Few Slaughter ewes 10.00-17.50.

FEEDER PIGS FOR SALE

Vet Inspected - Health Charts - Direct from Farrowing operations to your finishing unit on high pressure washed & sanitized truck.
Feed and Management Program
Call us and ask for appointment to discuss ways to help you make more money.

Master Mix CENTRAL SOYA
More to Gain.

JOHN H. THOMAS, JR.
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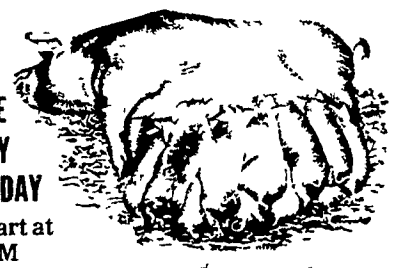
Complete Line of Feeds
Management Program

NEW HOLLAND SALES STABLES, Inc.
12 Miles East of Lancaster
on Route 23, New Holland, Penna

WEEKLY FEEDER PIG SALE EVERY WEDNESDAY



Sale to Start at 1:30 P M
We Will Receive Your Pigs Anytime From 7 A.M. Wed. Morning
State Graded Until 12 Noon.
All pigs inspected by State Approved Veterinarian.
State tags available at our office for you to tag pigs at home to save 25 cents tagging charge.
Tags delivered if you call 717-354-4341 our office in advance.
Calf Sale To Be Held Every Thursday At 3:30 P.M.

NORMAN KOLB 717-397-5538
ABE DIFFENBACH 717-393-4464

ANDERSON FERTILIZER

Fall 1981 Early Order Mixed Fert. Price List
Prices are F.O.B. Maumee, OH plant

Select your fertilizer blend, schedule delivery or pickup by date shown above price column, lock in that F.O.B. price per ton with full payment by 11/30/81.

BLEND	Nov. 30 $/ton	Dec. 28 $/ton	Jan. 30 $/ton	Feb. 27 $/ton	Mar. 31 $/ton
10-20-20	168.00	173.00	176.00	180.00	186.00
12-24-24	193.00	198.00	201.00	205.00	211.00
12-12-12	144.00	149.00	152.00	156.00	162.00
16-16-16	173.50	178.50	181.50	185.50	191.50
19-19-19	197.00	202.00	205.00	209.00	215.00
20-10-10	165.50	170.50	173.50	177.50	183.50
28-13-13	207.00	212.00	215.00	219.00	225.00
8-32-16	190.00	195.00	198.00	202.00	208.00
10-30-10	182.00	187.00	190.00	194.00	200.00
6-24-24	174.50	179.50	182.50	186.50	192.50
5-20-20	155.50	160.50	163.50	167.50	173.50
5-10-10	109.00	114.00	117.00	121.00	127.00
0-26-26	173.00	178.00	181.00	185.00	191.00
0-14-42	161.00	166.00	169.00	173.00	175.00

Today's quotations for straight material F.O.B. per plant

	Bulk	Bags
Urea 46-0-0	202	214
TSP 0-46-0	176	188
Potash 0-0-60	126	138
Dap 18-46-0	216	228
Am. Nit. 33⅓-0-0	Ask	Ask

Anderson Hybrid Seed Corn

7 var. double cross	$24 per unit
5 var. 3 way cross	$30
4 var. modified single cross	$39
5 var. true single cross	$46

F.O.B. PA warehouse - 80,000 kernels per unit

Chemicals - Field Seeds - Twine - Livestock Feed
Call for Low Prices

We buy ear corn. Cash premium paid for cobs. No shelling charges.

Estimated delivery charges to your farm per ton.
These rates are estimates - call toll free for exact rate to your farm.

Erie	$9.75	Doylestown	$35.75
Ridgeway	13.75	Lancaster	29.75
Wellsboro	23.60	Indiana	13.25
Scranton	29.90	Chambersburg	23.60
Washington	11.75	Lewistown	23.10
Lewisburg	24.50	Somerset	14.25
Hamburg	30.50	New Castle	9.20

*** SPECIAL REBATE PROGRAM ***
Available for customers buying 100 tons or more in 12 months

BULK DISCOUNT - $9 per ton

Call toll free 800-442-6822
24 Hrs. a day - 7 days a week
(answering serv. late eves. & Sat)
412-539-2689
Ask for Frank

FERTILIZER SALES
Star Rt. Box 51
Latrobe, PA 15650

Livestock market and auction news

Central U.S. Carlot

Wednesday, November 18
Report supplied by USDA

Compared to Tuesday's 4.00 report: Steer beef steady, heifer beef steady to 1.00 higher late after recovering early declines. Demand and trading moderate, supplies light to moderate, packers bullish. The boxed beef carcass cutout value declined $1.28 to an estimated $101.93 per cwt. Sales reported on 123 loads of steer and heifer beef.

STEER BEEF
55 Loads
FOB Omaha Basis

Choice 3: 600-900 lbs. 96.00, steady

Choice 4: 600-900 lbs. 84.00-85.00, late 85.00, steady.

FOB Amarillo Basis
Choice 3: 600-900 lbs. 97.00.
Choice 3: 600-700 lbs. 96.50-99.50.
Choice 2: 600-700 lbs. 98.50-100.50
Good 2-3: 600-900 lbs. 96.00.

HEIFER BEEF
68 Loads
FOB Omaha Basis

Choice 3: 550-700 lbs. 92.00-94.00, late 94.00, steady-1.00 higher.

Choice 4: 500-700 lbs. 83.00-84.00, late 84.00, steady.

Good 2-3: 550-700 lbs. 91.00-93.00, late 93.00, steady.

Cow beef 1.00-1.50 lower on couple loads, otherwise market not tested. Demand light, but offerings limited

COW BEEF
2 Loads
FOB Omaha Basis

Brkg Utlty 3-4 450/up lbs. 68.00 midwest, 1.50 lower.

Bng Utlty 2-3: 400/up lbs. 71.50 midwest, 1.00-1.50 lower

PRIMAL BEEF CUTS
18½ Loads
FOB Omaha Basis

HINDS (S) 145-190 lbs 104.50-105.00.

HINDS (H) 120-170 lbs. 102.50.

FORES 130-210 lbs. 85.00-86.00

SHORT PLATES: 54.00-57.00.

BONELESS PROCESSING BEEF/BEEF TRIMMINGS
18 Loads
FOB Omaha Basis

90% chem lean fresh 106.00.

90% chem lean, frozen 108.00.

90% chem lean, fresh 109.00 (boxed).

75% chem lean, fresh 89.00 (boxed).

92% chem lean, fresh 115.00 bull.

50% chem lean, fresh 51.00.

Compared to Tuesday's 4:00 report: Fresh pork loins steady to 3.00 lower. Boston butts steady. Fresh hams steady to 1.00 higher, except 26/up lbs. 4.00 lower than Monday. Sdls bellies steady to .50 higher. Trading active. Demand moderate. Sales reported on 102½ loads and 12½ loads of trimmings.

FRESH PORK CUTS

LOINS: 14/dn lbs. 88.50; 14-17 lbs. 85.00-mostly 87.50, .50-3.00 lower; 14-17 lbs. 87.00 frozen, 1.00 lower; 14-17 lbs. 81.75-82.00 frozen; 17-22 lbs 80.75 steady; 17-22 lbs. 83.25 clear channel, 2.00 lower, 22/up lbs. 75.75, 2.00 lower.

PICNICS. 4-8 lbs 48.00-mostly 48.50, 8/up lbs. 45.00.

BOSTON BUTTS. 4-8 lbs 70.00 steady, 4-8 lbs 72.00-72.50 frozen

SPARERIBS 3.5/dn lbs 87.00 frozen, 3.5-5.5 lbs 75.00 frozen

SKINNED HAMS 14-17 lbs 85.00-86.00, steady-.50 higher, 17-20 lbs 79.00-81.00, bulk 79.00, mostly steady; 20-26 lbs. 71.00-74.00, bulk 71-72.00, mstly stdy-1.00 up; 26/up lbs 69.00, 4.00 lwr than Mon.

BELLIES, SDLS 12-14 lbs 57.00, 14-16 lbs 56.50; 16-18 lbs. 54.00-55.75, steady-.50 higher; 18-20 lbs. 50.25-51.00, steady, 20-25 lbs 47.00.

BNLS CT BUTT 1.5-4.5 lbs 119.50 frozen; 3-4.5 lbs. 122.00. I.W.

PORK TRIMMINGS
BONELESS PROCESSING PORK (Chemical Lean)

42% lean trimmings fresh 40.50.

72% lean trimmings fresh 70.75-71.00, steady-firm 1.00 lower.

72% bnls picnics frozen 74.00.

Skinned Jowls: frozen 36.00-37.00.

Green Dragon Livestock Sales
1 Mile North of Ephrata, PA

COWS COWS COWS
BUYERS FROM 3 STATES
Regular consignments from Bob Kennedy & Ed Stover plus 15 other local consignors.

Lots of good Northern Feeders and Stockers.

SALE EVERY FRIDAY
Bulls, Steers, Slaughter Cows, Lambs and Veal Calves
11:00 A.M.- Beef Sale Stockers & Feeders 200 to 250 each week.
12:30 P.M.- Dairy Cows
7:00 P.M.- Small Animal Sale

For Special Sales and Herd Dispersals on the farm or at our barn or other market information call: Office 717-733-2444.

WALTER H. RISSER, Proprietor

TO GORDON S. LONG

We do appreciate your business, the comment of feed costs and our FFA sales efforts. We look forward each year to watching the judging and keeping ourselves tuned in to the Today's Type of Market Hog. We especially thank you for your regular supply of feeder pigs through out 1981 and look forward to doing our best in helping you make the most profit in the future.

Thomas Farm Supplies
John & Don

WEEKLY SALE
HAY — STRAW
SMALL GRAIN
EAR CORN
Every Monday 12:00 Noon Sharp!
Located at
Dewart Livestock Auction
Dewart, PA

For Further Information Contact:
H.H. Mylin 717-568-7271 or George N. Deitrick 717-568-5454

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has joined our Hog Staff

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Hog Division
717-291-8912
(Monday, Tuesday, Wednesday and Saturday mornings)

Ed Prodser's Home
717-367-2368

Mel Weaver's Home
717-626-5659

Off the Sounding Board

By Sheila Miller, Editor

A time for giving thanks

Mother Nature is once again signaling the end of a productive if not necessarily prosperous farming year

Trees devoid of foliage stand out starkly against the horizon, silhouetting fence rows and reminding everyone that winter's cold blasts will soon be whining through barren branches.

As the last of the field corn clanks noisily from the mouth of the picker and lands with a thud atop mounds of golden ears, we are reminded of our bountiful harvest and the blessings that our crops were given in this year of unpredictable weather.

Geese, gregariously honking their way to the sunny south, abandon our colder climes with each beat of their silent wings. Their V-shaped formation marks the route for their annual trek to find a more hospitable winter home

It's a melancholy time of year as field work winds down and farmers turn their thoughts to long postponed but urgently needed machinery repair and maintenance The warm machine shed is much more inviting than a wind-raked tractor seat — no debate

With sweatshirt hood and cap pulled snug around our ears, we hurry with the outside chores — wishing the water hose would fill those troughs faster promising to cut down on the number of and space between calf hutches strung out around the buildings . lingering a little longer than usual in the comfy hog or broiler houses

The animals, too, are 'dressing' for the season Summer coats have been shed and replaced by furry, fuzzy, soft-as-down hair Human hands often find warmth and a respite from the chapping cold as they are wriggled under the animal's natural blanket

Coming in from the cold, damp fall day, we sit down to a hearty meal with visions of a plump Thanksgiving turkey in everyone's head But that special day of remembering our blessings is still five days away, so our taste buds will have to settle for chicken today.

To the delight of the kids, the weatherman is already forecasting flurries — they secretly pray for a Monday morning announcement that will liberate them from the drudgery of schoolwork and give them a delightful day of sledding and snowball battles

As farm families and friends prepare for the Thanksgiving holiday, this is also the time when we celebrate the annual Farm-City Week festivities Fast becoming a tradition in all counties throughout Pennsylvania, this special week calls for sharing concerns and thoughts with our urban neighbors. Many city businesspeople find new insights and respect for the complex, demanding jobs facing today's farm families as a result of 'job exchanges', tours and banquets

As we share our life's work and experiences with city friends and neighbors, we are reminded of just how lucky we are to be farmers. Although we're not immune to hectic schedules, fighting the traffic on the 'way to work' is not nearly the problem for us that it is for our urban friends And, unlike the assembly-line factory worker who never sees the finished product, farmers watch and pray at each step of the way — from planting to picking, from farrowing to finishing

We farm families have a lot to be thankful for, not only this Thursday, but all year long We're all blue ribbon winners in the 'contest' of devotion and dedication to the land and the farming way of life

It is the time of year for giving thanks, just as our pilgrim ancestors did long ago May our prayers of thanks overshadow our complaints about the economy, politics, and other matters for at least one day

Happy Thanksgiving

NOW IS THE TIME

By Jay Irwin

Lancaster County Agriculture Agent
Phone 717-394-6851

To Observe Farm-City Week

Pennsylvania's 25th observance of Farm-City Week – scheduled through Thursday — emphasizes the concern for improving our quality of life and recognizes the responsibilities which are shared by both barn and urban people.

The 1981 celebration also focuses attention on the fact that understanding the problems of rural and urban residents are everyone's concern.

Farm-City Week observances were organized on a national scale 26 years ago "to bring about a better understanding between rural and urban segments of society, thus making for a stronger America." The need for this understanding is greater today than at any time in the past.

Pennsylvania is linking its observance this year to theme, "Farm-City – Key to the Future"

Few persons realize the truly close partnership that exists between our rural and urban community, or how greatly our economy depends on the mutual cooperation of rural and urban Pennsylvania. Let's take this opportunity to better understand the problems and lives of each other.

To Take A Correspondence Course

The Pennsylvania State University offers a number of Correspondence Courses in Agriculture and Home Economics. They range from Farm Law, Soil and Water Conservation, Genetics of Animal Breeding, Dairy Goats, Rabbit Production, Household Pests and Their Control to Planning Your Retirement, Dressing and Curing Meat, Reupholstering a Chair and many more.

These courses are given by mail and are very practical. Hundreds of people have taken these courses and learned more about their business or a new enterprise

To Beware of Anti-Freeze Poisoning in Dogs

An increasing number of people are performing their own automobile, truck and tractor maintenance. This may include draining and changing the anti-freeze. If you are among this group of home mechanics, a word of warning is advised

Dr Dwight Schwartz, Penn State Extension Veterinarian, tells us that dogs find the sweet flavor of anti-freeze solutions very tasty Beware! Ethylene glycol, a chief ingredient in anti-freeze, is extremely toxic to dogs, causing severe kidney damage. Never leave open containers of automotive coolant lying where a dog might find and drink from them. If your car, truck or tractor leaks coolant or the radiator overflows onto the driveway, clean and spill and dispose of the soaked towels properly

To Enroll 4-H Beef Club Members

Do you know of a young person who would like to raise his own steer, to train and groom his steer and then show it at local and state fairs, and to participate in a variety of 4-H Club activities with other young people? If so, he might be interested in joining the Red Rose 4-H Beef Club. Glenn Shirk, Extension Agent, reminds us that members are now starting to purchase 400 to 500-pound feeder calves for next year's project. Youth between the ages of 8 and 18 as of January 1, 1982 are welcome. For more information about 4-H and the Red Rose 4-H Beef Club, contact the Lancaster County Extension Service, located in the Lancaster Farm and Home Center; tele 394-6851

THE BIBLE SPEAKS

BY LAWRENCE W ALTHOUSE

ARE WE STILL "PLAYING CHURCH"?
November 22, 1981

Background Scripture: Ephesians 4.
Devotional Reading: Colossians 2:8-15.

I don't know about you, but when I read the fourth chapter of Ephesians, I feel a deep sense of shame. The words are beautiful, but their power to judge us is fantastic. You don't event have to read the whole chapter of know what I mean:

"....forbearing one another in love, eager to maintain the unity of the Spirit in the bond of peace..." (4:2,3).

"There is one body and one Spirit,...one hope...one Lord, one faith, one baptism, one God and Father of us all..." (4:5,6).

"...the whole body, joined and knit together by every joint...makes bodily growth and upbuilds itself in love" (4:16).

"Let all bitterness and wrath and anger and clamor and slander be put away from you, with all malice, and be kind to one another, tenderhearted, forgiving one another, as God in Christ forgave you" (4:31,32).

No Longer Children

Read each of those passages along with your daily newpaper and you cannot escape the terrible knowledge that Christ's people on earth are projecting anything but the image of the Church described in Ephesians. "Maintain the unity of the Spirit"? What unity? "Be kind to one another"? No, Christians are not kind to one another, they are contentious, judgmental, and devisive. "There is one body and one Spirit"? Hardly! There are many bodies, and it would seem, all contending that they alone possess the one Spirit.

Oh, to be sure, sometimes the Presbyterians, Methodists and U.C.C.'s get together for a service, or sit together with the Episcopalians and the Lutherans in a council of churches. Yes, and sometimes the Pentecostal sit down with the Baptists and the Church of God acknowledges the Nazarenes. And Roman Catholics and Protestants have buried the hatchet haven't they? (— except in Northern Ireland, where they're burying one another).

The Truth In Love

But if you think that's what Ephesians 4 is all about, no wonder we're so divided. Ephesians 4 is speaking of a unity and love that does not issue into constant conflict and division. Ephesians 4 is the antithesis of Christians attacking each other, impugning each other's faith, deriding each other's efforts, and denouncing each other's discipleship.

The writer of Ephesians calls us to "mature manhood" (personhood) "so that we may no longer be children, tossed to and fro and carried about with every wind of doctrine..." (4:13,14). But, until we learn to accept our unity in Christ we will still be children 'playing" church."

OUR READERS WRITE,
AND OTHER OPINIONS

Our great American farmers

Each Pennsylvania farmer gets more important every day. While the state and nation have fewer farmers than ever before, the overall population continues to increase so there is a growing demand for more food

Never have so many persons been so dependent on so few. Farm-City Week is being observed November 20-26 to bring about increased understanding of problems existing between the rural and urban segments of our society.

The number of United States farms is expected to drop by another third in the next 20 years. There were about 2 5 million farms in January 1980. This may be only 1.8 million by the year 2000

Because in the decline in the number of farms, many think American agriculture is a diminishing industry. But nothing could be further from the truth.

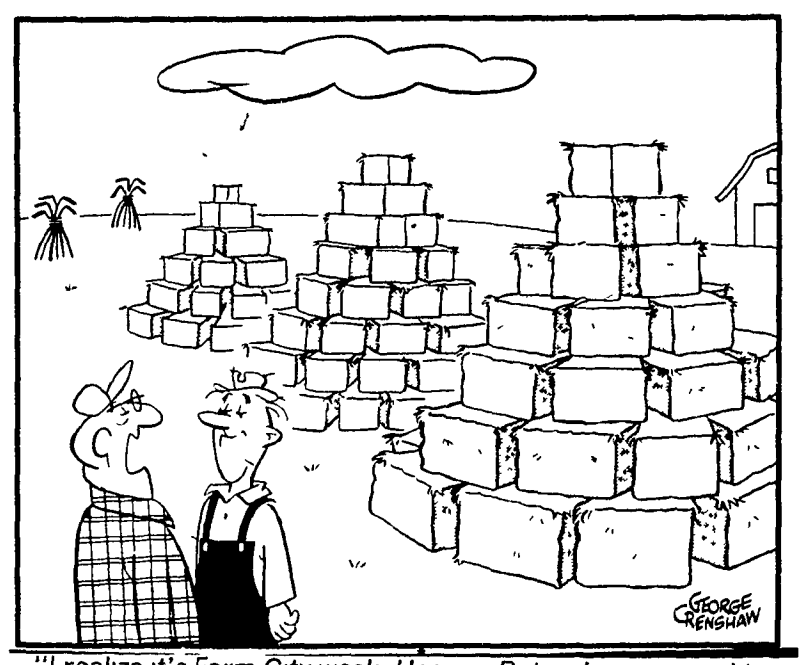
One farm worker now feeds 59 persons In 1952 the figure was 16. And the American diet is the finest in the world. It includes fruit and vegetables, both fresh and canned; more meat per person than in most other countries; grain products such as cereals and breads; and an endless variety of dairy products.

Specifically this included per person in 1979:

- 147 pounds of beef, veal, pork, lamb, and mutton;
- 62 pounds of chicken and turkey;

(Turn to Page A12)

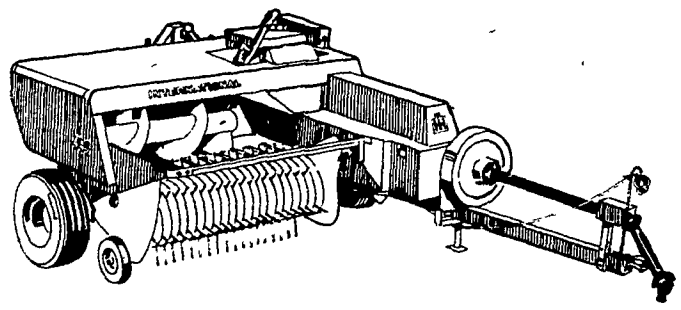
HAY HAWS



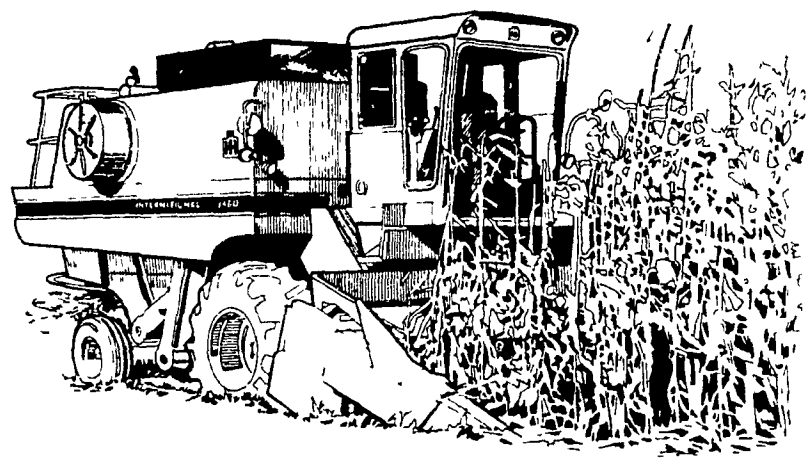
"I realize it's Farm-City week, Hooper. But we're supposed to show those grocers who are coming to visit how things are done on the farm, not make them feel at home "

IH ANNOUNCES: WAIVER OF FINANCE

EFFECTIVE NOV. 1, 1981 THROUGH JAN. 31, 1982 - WAIVER AS FOLLOWS



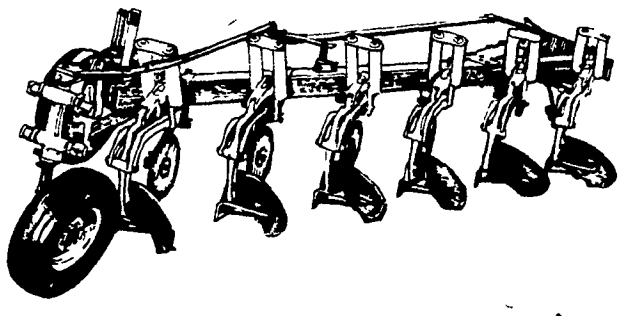
HAY EQUIPMENT: 5/1/82
FORAGE EQUIPMENT: 9/1/82



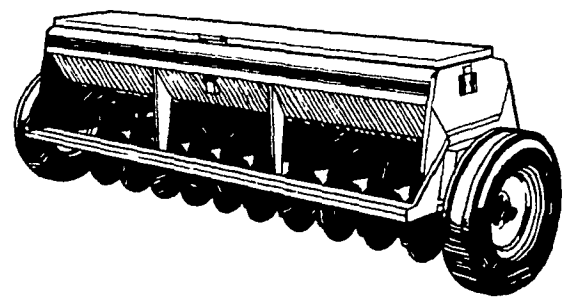
COMBINES:
GRAIN - 6/1/82
CORN & BEANS - 9/1/82

TRACTORS
3/1/82

TRACTORS
3/1/82



PLANTERS, DRILLS
CULTIVATORS: 5/1/82



TILLAGE EQUIPMENT: 3/1/82

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717-758-3021

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C & W EQUIPMENT, INC.
260 York Rd
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Bangor, PA
215-588-5922

RINGTOWN FARM & EQUIPMENT
P O. Box 602
Ringtown, PA
717-889-3184

OUR READERS WRITE

(Continued from Page A10)

- 81 pounds of fresh fruits;
- 58 pounds of processed fruit and juices;
- 94 pounds of fresh vegetables;
- The equivalent of 322 pounds of milk. This includes such dairy products as 18 pounds of cheese and 18 pounds of ice cream;
- 75 pounds of potatoes; and
- 5 pounds of sweet potatoes

Multiply this impressive list by 59 to get the average yearly production of one farm worker

This production is unrivaled anywhere in the world The output per man hour on the state's farms is three times higher than 20 years ago, much higher than in manufacturing industries

Agriculture is America's most efficient industry and the farmer her most important producer. Let us recognize the important role the farmer plays in our nation's economy.

J. Allan Shoener
County Agent - Agriculture
Schuylkill Co. Extension Service

Thanksgiving grain petition

A proposal to authorize putting floor prices on grain exports was defeated in the House of Representatives on October 20 That vote was in keeping with the old, continuing error of looking to world markets to solve agriculture's problems.

We are chasing our tails, producing and selling more, even at losing prices, because we are constantly told we must expand markets to get our prices up.

Anyone who thinks the new administration is going to make any real changes in agricultural policy should take note. The first USDA official, aside from Secretary Block, to speak at the department's annual Outlook Conference (in early November) said: "The new farm bill will continue the market orientation, a pattern we've been pursuing for a decade and a half."

America's family farms and precious topsoil are being destroyed at a quickening pace. But the policy-makers keep pretending there is a free market" and won't intervene to impose a floor price on grain exports. They know that by USDA's own figures the prices we are getting don't even [illegible] of production

The bargain-priced grain mostly goes to wealthy trade competitors who can build up their industry and sell items back to us that put Americans out of work. Also, poor countries rely on the availability of our low-priced grain and are less interested in their own agriculture, which leads to hunger and a more dangerous world for us all. (I say this as a returned Peace Corps volunteer).

Now a crucial time for Americans — not just farmers, because it involves us all — to make known their desire for a real change in agricultural policy. A hurried effort, called a Thanksgiving Grain Petition, has been started by some farmers, asking that the export floor price proposal (by Congressman Weaver, of Oregon) be reconsidered:

"We, the undersigned, petition the Congress and the Department of Agriculture to intervene in the export grain market to stop sales at prices that are below the farmers' cost of production. At such prices, exports sales have grown to

(Turn to Page A27)

Farm Calendar

Today, Nov. 21

Hunterdon Co. N.J. Annual Board of Agriculture meeting, 7 p.m., Quakertown Fire House.

Montgomery County DHIA annual meeting, 6:45 p.m., Christopher Dock School.

Farm City Day of Delaware County Farmers Association, Through Sunday.

Lancaster County Farmers Association Farm-City Week tour program, 1-5 p.m. Sunday, same time.

Sunday, Nov. 22

Lamb & Wool Marketing Conference, Sheraton Inn, State College. Continues until Tuesday.

Monday, Nov. 23

Forage & Seed Conference, 11 a.m. Keller Conference Center, Penn State. Continues tomorrow.

Dover Young Farmers Spouse Night, 7:30 p.m., Dover High School ag room. "Fire Prevention on the Farm."

Ag Day meeting, 10 a.m., Room 103, PDA Building, Harrisburg.

Bradford 4-H Leaders banquet, 8 p.m., North Towanda Methodist Church.

Wayne County DHIA annual meeting; 7:45 p.m., Pleasant Valley Grange Hall.

Tuesday, Nov. 24

Delaware irrigation meeting, 9 a.m.-4 p.m., Sheraton Inn, Dover.

Ephrata Adult Farmers, 7:45 p.m., Ephrata High School Ag Dept., "Sludge Fertilization Program."

Thursday, Nov. 26

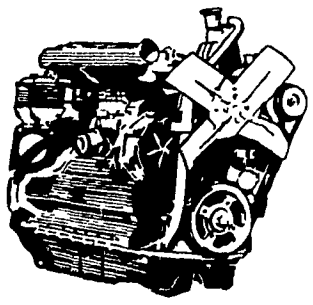
HAPPY THANKSGIVING.

Friday, Nov. 27

Uniontown Poultry & Farm Show, Uniontown, Continues until Sunday.

Bradford 4-H County Council meeting, Extension Office, Towanda, 7 p.m.

THE TIME FOR DOWNTIME



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Special off-season prices on engine overhauls!

CALL FOR FREE ESTIMATE

Now .with heavy seasonal work-loads behind you, is the time to bring your tractor in to our shop for an engine overhaul Our service shop load is down, too, so we can offer special low prices on gasoline and diesel tractor engine overhauls Your tractor will go through a complete dynamometer check to determine the extent of work that should be done You'll see the results of this check before we start any repair work on your unit And, that tractor will go through another complete dynamometer analysis before we turn it back to you Call us soon for scheduling your tractor and take advantage of our lower prices during this period

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"THE EXECUTIVE" 8085 Series II

Computer Controlled Dairy Feeding System

SUMMARY

Cow #	# Feed Programmed	# Feed Consumed	Ration Fed To This Cow
001	20	20	A
002	10	10	A
003	3	3	A
004	25	25	B
005	17	17	A

TOTAL FEED - 00075

The cow number, feed quantity and choice of rations are entered on a keyboard. The computer looks at a tag permanently fastened to the cows ID rope and will allow her to eat ½ of this each 12 hr. period.* At the end of each 12-hour period, the computer will record on tape the consumption of each animal programmed. *Other time intervals available.

THE 8085 will provide for

The cow

1. A feeding stall allowing her to eat unmolested.
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3. A control of the quantity and type of concentrate.
4. A gradual increase and decrease of concentrate.
5. Feed control that will eliminate fat cow syndrome, displaced abomasum and other feed related health problems.

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2. A means of changing amounts and types of rations with no cow handling.
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4. More milk with less feed.
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SPECIFICATIONS

- CAPACITY
  - 254 cows
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Livestock market and auction news

New Wilmington Livestock

New Wilmington, Pa.
Monday, November 16
Report supplied by PDA

CATTLE 288: Supply included 60% cows. Compared with last Monday's market, slaughter cows .50-.75 higher. One Choice slaugher steer at 60.50, few Good 56.00-58.50, Standard 47.25-54.75. Few Good slaughter heifers 50.50-55 50, few Standard 43.00-45.00. Utility & Commercial slaughter cows 41.00-45.00, few 46.00-47.25, Commercial No. 4-5 38.00-42.00, Cutters 37.50-42.25, Canner & Low Cutter 29.75-37.75, Shells down to 28.00. Few Yield grade #1 1225-2000 lbs. slaughter bulls 47.00-51.75, one at 55.00; few yield grade #2 1025-1420 lbs. 43.00-45.25. Medium & Large Frame #1 360-710 lbs feeder steers 45.00-54.00; medium & Large Frame #1 330-750 lbs. feeder heifers 40.00-49.00; Large Frame #2 300-470 lbs. feeder bulls (holsteins) 38.00-48.50.

CALVES 304: Vealers about steady. Choice vealers 90.00-100.00, Good 70.00-90.00, Standard & Good 90-125 lbs 45 00-57 50, 65-85 lbs 30 00-50.00, Utility 50-105 lbs 10.00-30.00. Farm calves, holstein bulls 95-135 lbs. 67.50-85.00; holstein heifers 70-110 lbs. 60.00-70.00.

HOGS 310: Barrows & gilts 1 50-2.00 higher. US No. 1-2 210-245 lbs. barrows & gilts 45.0-46.10, couple lots 47.00 and 47.75, No. 1-3 200-250. lbs 44.00-45 25, No. 2-3 220-260 lbs. 43.00-44.00, No. 1-3 170-185 lbs. 39.25-41.25. Sows fully $1 higher US No. 1-3 280-650 lbs sows 40.00-49.25. Boars 32.00-37.50.

FEEDER PIGS 64· US No 1-3 15-30 lbs. feeder pigs 12 50-21 00 per head, No. 1-3 30-40 lbs 21 00-27.00 per head.

SHEEP 105: Choice 70-110 lbs. wooled slaughter lambs 52.00-62 00, Good 50-90 lbs. 40 00-55.00.

Lancaster Feeder Cattle

Friday, Nov. 13
Report supplied by USDA

Today	1052
Last Friday	524
Last Year	797

TREND: Compared to last Friday feeder steers mostly steady; feeder heifers firm; feeder bulls steady Supply included about 350 head sold in lots of five or more.

FEEDER STEERS: Medium Frame 1 Several lots 540-835 lbs. 55.25-59 00. Large Frame 1. Couple lots 530-550 lbs. 61.00-63.25; couple lots 680-760 lbs. 59.25-60.25 Small and Medium Frame 1. Couple lots 450-580 lbs 57.25-59 00 Medium Frame 1-2 Several lots 470-690 lbs. 54.10-55.50 Medium and Large Frame 2. One lot 685 lbs. 53.90 Large Frame 2 Holsteins Few lots 515-715 lbs. 47.00-47.75; one lot 985 lbs. 44.60.

FEEDER HEIFERS Medium Frame 1: One lot 835 lbs 45 50. Medium and Large Frame 1. One lot 470 lbs. 50.50. Medium Frame 1-2 Couple lots 435-520 lbs. 41.25-42 00; one lot 610-lbs. 38.25.

FEEDER BULLS: Medium Frame 1. One lot 530 lbs. 50 10 and one lot 765 lbs 45.85. Medium and Large Frame 1. Few lots 450-500 lbs. 55.25-57.00; couple lots 590-680 lbs. 54.85-55.50; Small and Medium Frame 1: One lot 480 lbs. 50.50. Medium Frame 1-2: One lot 515 lbs. 47.00.

MAKE THIS YOUR YEAR FOR A DEERE

OPEN HOUSE

FRIDAY NOV. 27 7 A.M. to 9 P.M. and SATURDAY NOV. 28 7 A.M. to 4 P.M.

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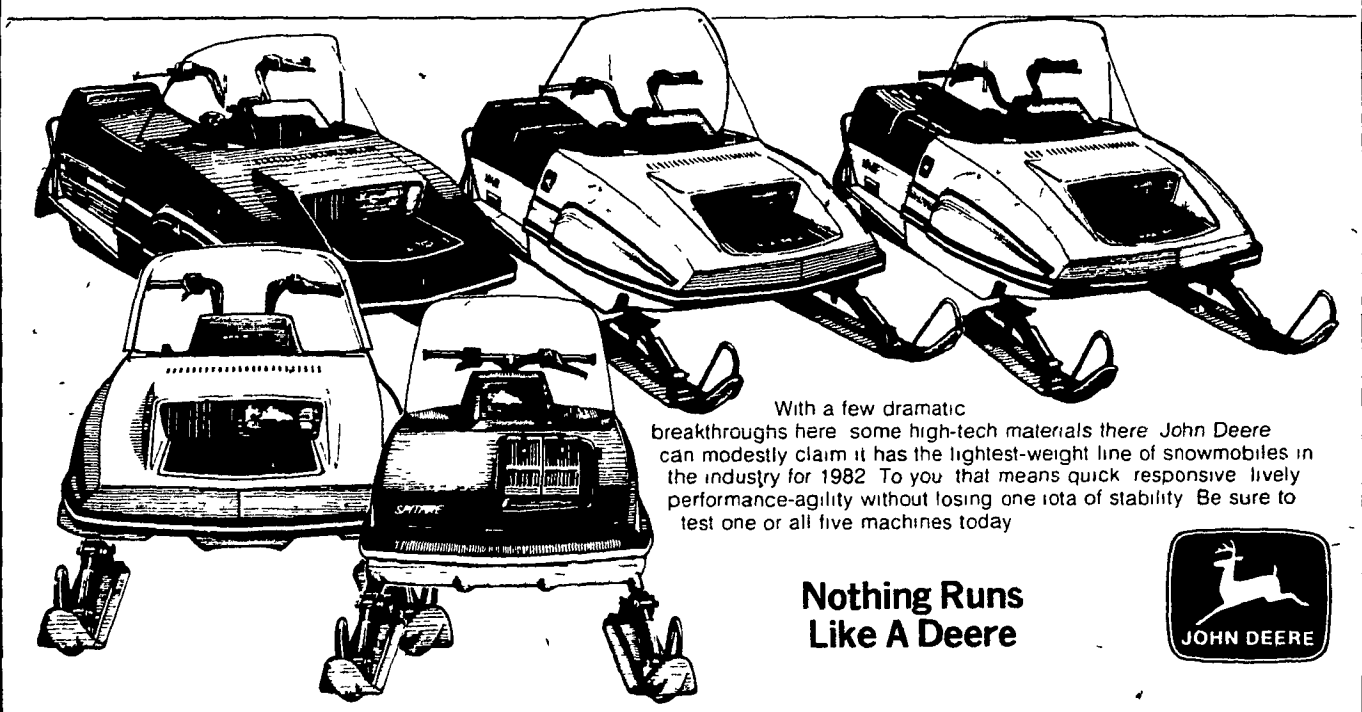

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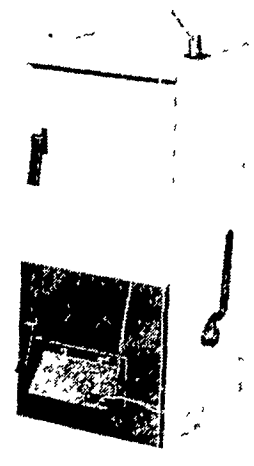

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Livestock market and auction news

Peoria Cattle

Thursday, Nov. 19
Report supplied by PDA

Compared to last week slaughter steers closed .50 to 1.00 higher. Heifers 1.00, instances 1.50 higher. Cows steady to 1.00 higher and bulls steady to 2.00 higher. Slaughter steer and heifer prices advanced early in the week influenced by the late rally in the carcass beef prices the previous week By midweek a lower trading and unsettled meat trade caused buyers to halt to remove part of the early weeks advancement of live prices. Receipts this week about 3100 as compared to 2676 a week ago and 3647 last year.

SLAUGHTER STEERS: Choice, few Prime 2-4 1025-1350 lbs. 59.00-61.50. Bulk 59 50-61.00 Wednesday Few packages and part loads YG 3 1100-1150 lbs. 62.00-63.00 on Monday. Several lots and loads mostly 4's 57.00-59.00. Mixed Good and Choice 2-3 950-1375 lbs. 59.00-60 00 late. Scattered lots 1100-1400 lbs. holsteins 53.00-57.50. Goods 57.50-59.00.

SLAUGHTER HEIFERS: Choice, including Prime 2-4 925-1150 lbs 57.50-59.50, bulk 58.00-59.00 Wednesday. Part load and 2 loads 975-1200 lbs. 60.00 load 60.50 on Monday. YG 3-4's 850-1050 lbs. mostly 56.50-58.50. Mixed Good and Choice 2-3 850-950 lbs 55.00-56.50. 950-1100 lbs. 56.50-58.50. Goods 54.50-56 50.

COWS: Utility and Commercial 1-3 37.00-40.00, high yielding 41.00-43.00 on Monday, Cutter 35.00-37.00. Canner and Low Cutter 33 00-35.00.

BULLS: YG 1-2 1100-1900 lbs. 42.00-50.50. Bulk 45.00-48.00.

BELKNAP LIVESTOCK AUCTION

Dayton, Pa.
Wednesday, Nov. 18
Market Supplied by PDA

CATTLE 129. Few Good slaughter steers 54.25-57.50, few Standard 45.00-47.75, few Utility 38-43.50. Few Good slaughter heifers 51-54.25, few standard 43-46.75, few Utility 35-41.25. Few Utility & Commercial slaughter cows 39.75-42, one 44.25, few Commercial 4-5, 32-38 50, Cutters 35-39.50, Canner and Low Cutters 27.75-35, Shells down to 21. Few Yield Grade #1, 1110-1685 lbs. slaughter bulls 46.50-51, couple #2, 1065-1485 lbs. 42-43. Medium Frame #1, 365-725 lbs. feeder steers 44.50-48.50. Medium Frame #1, 330-600 lbs. feeder heifers 35.00-42.

CALVES 125. Few Choice vealers 75.00-85, few Good 60.00-75, few Standard 50.00-60, Standard and Good 90-120 lbs. 40.00-57, 65-85 lbs. 30.00-45, few Utility 40-80 lbs. 15.00-30. Farm Calves. Hol. Bulls 95-135 lbs. 57.00-70; few Hol. Heifers 85-100 lbs, 55.00-65; Beef cross bulls & heifers 70-90 lbs. 50.00-60.

HOGS 190. US No. 1-2 205-240 lbs barrows and gilts 43.75-44.50, No. 1-3 2-250 lbs. 43.00-44, No. 2-3 205-260 lbs. 42-43, lot 300 lbs. at 41.00, lot No. 1-3 180 lbs. at 40. US No. 1-3 265-630 lbs. sows 40-47.75. Boars 28.00-32.00.

FEEDER PIGS 122. US No 1-3 25-40 lbs. feeder pigs 17.50-28 per head, few No. 1-3 50-85 lbs. 29.00-36 per head, few Utility 20-30 lbs. 7.00-10.00 per head

SHEEP 14. Few Choice 105-115 lbs. wooled slaughter lambs at 44.00 one lot Good 70 lbs at 30.00 Few Slaughter ewes 15.00-16 00

Chambersburg Auction

Chambersburg, Pa.
Thursday, November 19
Report supplied by PDA

CATTLE: 414. Compared with last Thursday's market: Sl. cows .50-1.50 lower Sl. steers: Few low to average Choice No. 2-4, 1000-1250 lbs. 60.00-62.60; Good 55.60-59.00 one at 61.75; Standard 48.00-54 50. Sl. heifers; Few Good 54.50-59.75; few Standard 48.50-52.50 Sl. cows: Utility & Commercial 37.50-41.75 few 43.75. Cutters 35.50-39.00; Canner & L. Cutter 32 00-35.75; Shells down to 26.00. Sl. bullocks: few Standard & Good 46.50-49 50. Sl. bulls: Yield grade No. 1, 1200-1950 lbs 46.00-55.25; few Yield Grade No 2, 1150-1560 lbs 43 75-45.75.

FEEDER CATTLE Steers, Medium & Large frame No. 1, 450-800 lbs. 47.00-55.50.

CALVES 662 Vealers grading Choice about steady, Standard & Low Good 1 00-3.00 lower, few Prime 94 00-95.00; Choice 78 00-91.00; Good 62 00-78.00; Standard & Good 110-115 lbs 54 00-60.00; 70-95 lbs 48 00-56 00, Utility 50-80 lbs. 33.00-49.00

FARM CALVES: Hol. Bulls 85-130 lbs 55.00-87 00 with couple to 90.00, mostly 65.00-80.00; Hol. Heifers 90-150 lbs. 80.00-112 50.

HOGS: 67 US No. 1-2 220-230 lbs. 44.50-44 85; Couple No. 2-3 300 lbs. at 46 75; Sows US No 1-3 300-600 lbs 39 00-44.50. Boars 32.00-35.25.

FEEDER PIGS: 78 US No 1-3 30-40 lbs. 21 00-29 00 per head.

SHEEP 37 Choice 80-95 lbs. 41.00-48.00; Good 70-90 lbs 30 00-33.00. Few Sl ewes: 12 00-17 00.

GOATS: 16. 19.00-49.00 per head

St. Louis Cattle

Thursday, Nov. 19
Report supplied by USDA

Receipts this week:	4,800;
Week Ago.	5,100;
Year Ago:	6,000;

Compared with the last weeks previous close, slaughter steers mostly 1.00 higher, except holstein steers generally steady. Slaughter heifers mostly 1.00-1.50 higher. Cows 1.00-2.00 lower. Bulls steady. Slaughter supply mainly Choice and Choice and Prime 2-4 slaughter steers, around 40% heifers and 10% cows.

*NOTE: Marketings of yield grade 3-5 slaughter steers and heifers increased this week.

SLAUGHTER STEERS: Mixed Choice and Prime 2-4 1050-1275 lbs. 60.00-61.00 early, not tested late; 3-4 1050-1330 lbs. 58.50-59.00; 4-5 1025-1325 lbs. 56.25-57.75. Choice 2-4 950-1250 lbs. 58.25-60.50, few late sales 58.25-59.75. Mixed Good and Choice 2-4 900-1220 lbs. 56.75-59.00. Good 2-3 900-1175 lbs. 56.00-58.00. Few lots mostly Good 2-3 1150-1350 lbs. holsteins 52.25-54.25, few up to 55.00 early. Few Standard 46.50-51.00.

SLAUGHTER HEIFERS: Mixed Choice and Prime 2-4 875-1050 lbs. 57.50-58.50 early, not tested late; 3-4 850-1000 lbs. 54.00-55.00; 4-5 900-1000 lbs. 52.00-53.00. Choice 2-4 825-1085 lbs. 55.50-58.00, few closing sales 55.50-56.25. Mixed Good and Choice 2-4 750-1000 lbs. 54.50-56.50. Good 2-3 700-950 lbs. 52.50-55.00.

COWS: Closing week sales: Utility and Commercial 2-4 35.00-37.00. Boning Utility 1-2 37.00-39.00. Cutter 1-2 33.00-36.00. Canner and Low Cutter 1-2 30,00-33.00.

BULLS: Yield Grade 1-2 1100-1800 lbs. 43.00-48.00. Few Yield Grade 1 49.00.

FEEDERS: (Including around 1,800 at the regular Thursday auction.) Feeder steers steady to 1.00 higher. Feeder heifers steady. Supply mainly Medium Frame 1 and Mixed 1-2 400-700 lbs. steers and 300-600 lbs. heifers. Demand moderate to good for bulk of represented grades and weights.

FEEDER STEERS Medium Frame 1: 300-500 lbs 61 50-65.75, 500-600 lbs 61 50-63.50; 600-835 lbs. 60.75-62.50. Medium Frame 1-2 and some Small Frame 1 350-600 lbs. 55.00-60.25. Holsteins· Large Frame 2 Few lots 450-675 lbs. 47.00-47.25.

BULLS Scattered lots Medium Frame 1-2 400-625 lbs. 54.50-58 00.

FEEDER HEIFERS: Medium Frame 1-2: 350-500 lbs. 51.50-56.00; 500-600 lbs. 51.50-55.75; few lots 675-700 lbs 51.00-52.75. Medium Frame 1-2 and some Small Frame 1: 300-500 lbs. 48.00-51.00.

Shenandoah Valley Livestock

Harrisonburg, Va.
Saturday, November 14
Report supplied by auction

STOCKER, FEEDER, AND SLAUGHTER CATTLE. Good Light Steer Calves 63.00-68.00; Medium 58.00-62.75; Plain 57.00 and down; Good Heavy Steers 58.00-61.50; Medium 53.00-57.75; Plain 52.00 and down; Holstein Steers 53.50 and down; Good Light Heifer Calves 44.00-50.75; Medium 39.00-43.75; Plain 38.00 and down; Good Heavy Heifers 47.00-53.50; Medium 42.00-46.75; Plain 41.00 and down; Slaughter Cows 35.00-41.75; Utilities 30.00-34.50; Cutters & Canners 29 00 and down; Stock Bulls 48.50 and down; Slaughter Bulls 49.25 and down.

CALVES: Veal Calves 77.00 and down; Baby Calves 75.00 and down.

SHEEP & LAMBS: Choice Blue O 47.75; Good Red O 40.00; Feeder Lambs 42.50 and down; Slaughter Ewes 16.75 and down; Stock Ewes 35.00 and down.

HOGS. Top 44.40; Light 35.00; Sows 45.00 and down; Boars 34.80 and down; Butcher Hogs 45.75 and down.

DON'T BE GOBBLED UP BY PROMISES

WE'RE $ HAVING

Dollar Dividend Days

FORAGE & BALERS
HAYTOOLS & COMBINES

YOU WILL HAVE DOLLARS RETURNED TO YOU BY CHECK FROM SPERRY NEW HOLLAND FOR EQUIPMENT BOUGHT AND PAID FOR IN CASH DURING NOVEMBER, DECEMBER AND JANUARY.

The following is a list of eligible equipment we have to sell

	Rebates Nov.	Dec.	Jan.
1900 S.P. Harvesters	'6300	'5500	'3900
311, 315 & 320 Balers	450	400	300
70 Throwers	125	100	75
451 & 456 Mowers	125	100	75
474 & 489 Haybines	450	400	300
495 Haybines	700	600	400
847 Round Balers	700	600	400
718 Forage Harvesters	450	400	300
782 & 892 Forage Harvesters	1000	900	600
256 & 258 Rakes	150	125	100
#8 Crop Carriers	300	250	200
25, 28 & 30 Blowers	150	125	100

Settlements must be made before 12 Noon Nov. 30, Dec. 31 & Jan. 30

IF WHAT YOU'RE LOOKING FOR ISN'T LISTED, CALL US. WE WILL DELIVER

Remember - Free Finance is still available
Hay Tools until June 1, 1982
Forage Equipment until August 1, 1982
No Dollar Dividend when "Free Finance" is used.

HAPPY THANKSGIVING
MAY GOD CONTINUE TO BLESS YOU AND YOURS

YOUR SPERRY NEW HOLLAND DEALER

C.E. WILEY & SON INC.

101 S. LIME QUARRYVILLE, PA. PHONE (717) 786-2895

Livestock market and auction news

Lancaster Weekly

(Continued from Page A2)

lbs. 50.50-54.50, few 54.50-57.10; Yield Grade 2 1000-1450 lbs. 47.75-52.00, few 900-1000 lbs. 44.00-48.00.

VEAL CALVES: Choice and Prime vealers firm to 5.00 higher, high Good and low Choice 80-125 lbs. mostly steady. Demand fair for calves returned to farm.

VEALERS: Prime special fed 240-340 lbs. 100.00-115.00, few 115.00-123.00; Choice 140-280 lbs. 88.00-97.00, few 97.00-105.00; high Good and low Choice 130-250 lbs. 65.00-90.00, 80-120 lbs. 45.00-54.00 few 54.00-58.00, 60-80 lbs. 30.00-45.00.

SLAUGHTER CALVES: Several choice 180-250 lbs. 75.00-85.00.

RETURNED TO FARM: 75 head 90-120 lb. holstein heifers 130.00-150.00, several 80-115 lbs. 85.00-120.00; bulk 100-125 lb. holstein bulls 81.00-89.00 few 89.00-93.00, bulk 80-100 lbs. 60.00-80.00.

Omaha Cattle

Thursday, November 19
Report supplied by USDA

Slaughter steers and heifers lost a large portion of an early price advance. Through midweek, steers 25-75, instances 1.00 higher, heifers 50-1.00 higher. Cows closed 1.00-2.00 lower, bulls steady to 1.00 lower.

Four Day receipts 13,725; last week 12,775; year ago 12,975.

Slaughter steers and heifers opened the week sharply higher when steers peaked at 63.00 for one load high-dressing Choice 2-3 1276 lbs.; Choice and Prime 2-3 1000-1100 lb. heifers reached 61.00 both Monday and Tuesday. Carcass and boxed beef advanced early but turned down again under influence of thanksgiving period next week. Slaughter steers 35 pct of estimated five day total, heifers 28 pct, Choice cattle predominating. Cows made up 7 pct; feeders, including Friday auction, 28 pct.

STEERS: At midweek, two loads and part load Choice 2-3 1175-1250 lbs. 61.50-61.75. Choice including Prime 2-4 1050-1250 lbs. 60.00-61.00, few loads 61.25; few loads 3-4 1150-1325 lbs. 59.00-60.50. Few Mixed Good and Choice 2-3 59.50-60.00, few Good 57.00-59.00. Load Good and Choice 2-3 Holsteins 57.00, few mostly Good 55.00.

HEIFERS: Choice and Mixed Choice and Prime 2-4 900-1100 lbs. 58.00-59.75, few head Choice 3 975-1000 lbs. 60.00. Few mixed Good and Choice 2-3 57.00-58.00, few Good 54.00-57.00.

Average of detailed quotations for Choice 900-1100 lb. steers 60.90; 1100-1300 lbs. 61.05. Average cost steers 61.38, average weight 1165 compared 58.49 and 1174 lbs. a week ago. Average cost heifers 59.50, average weight 1025 lbs. compared 55.90 and 1021 lbs. a week ago.

COWS. High-Cutter, Utility and Commercial 1-3 36.00-38.00, few high-dressing 38.50-39.00. Canner and Cutter 30.00-36.00.

BULLS: 1100-1800 lbs. 45.00-49.00, few high-dressing 50.00-51.00.

FEEDERS: Few loads medium frame 1 fleshy steers Monday 1000-1100 lbs. 60.00-62.00. Few loads fleshy heifers late 850-900 lbs. 57.00-57.50.

Leesport Auction

Leesport, Pa.
Wednesday, November 18
Report supplied by PDA

CATTLE 345. Compared with the market 2 weeks ago, slaughter steers steady to weak. Slaughter cows uneven, Utility steady to strong, Canner & Cutter steady to weak. Choice 100-1230 lbs. slaughter steers 61.60-64 00, Good 58.00-60.35, few to 62.10, few Standard 52.75-58 60, few Utility & Low Standard 42.75-52.00. Choice 930-1100 lbs. slaughter heifers 56 25-60.00, few Good 53.75-54.75, few Standard 47.50-51.75. Utility & Commercial slaughter cows 39.25-42.60, few 43.85, Cutters 36.00-39.85, few to 41.50, Canner & Low Cutter 31.35-35.00, Shells down to 23.50. Few Good & Choice slaughter bullocks 60.00-63.75, Standard 53.00-56.25. Yield Grade #1 1300-1880 lbs. slaughter bulls 51.00-54.75, few to 60.25; few yield grade #2 1050-1200 lbs. 46.00-51.00. Medium Frame #1 350-860 lbs. feeder steers 56.00-63.00, few Large Frame #1 575-585 lbs. 64.50, Large Frame #2 400-900 lbs. 47.50-51.00; Medium Frame #1 350-800 lbs. feeder bulls 52.50-57.50, one lot Large Frame #2 545 lbs. 46.50.

CALVES 145: One Choice vealer at 88.50, few Good 72.00-80 00, few Standard & Good 110-130 lbs. 56.00-60.00, 90-110 lbs. 55 00-57.00, 70-85 lbs. 48.00-55.00, Utility 50-100 lbs 27.50-53.00. Farm calves, holstein bulls 90-140 lbs. 74.00-96.00, some down to 57.00; few holstein heifers 90-125 lbs. 90.00-95.00, one at 70.00.

HOGS 277. Barrows & gilts steady to weak. US No. 1-2 205-235 lbs. barrows & gilts 45.75-46.00, few to 48.50, No. 1-3 195-230 lbs 44.75-46 35, mostly 45.50-46.00. US No 1-3 300-600 lbs. sows 40.00-44.00, few to 49 00. Boars 32.50-35.00.

FEEDER PIGS 264 2 lots US; No. 1-3 20-30 lbs. feeder pigs 80.00-82.00 cwt., No. 1-3 35-55 lbs. 63.00-78.00, few down to 52.00, few No. 1-3 60-85 lbs. 48.00-61 00, No. 1-3 115-150 lbs. 43.00-44.50 cwt , few Utility 45-55 lbs. 54.00-58.00 cwt.

SHEEP 62: Choice 80-125 lbs. wooled slaughter lambs 48 00-51.00, one at 54.00, one lot Good & Choice 92 lbs. at 45.00. Slaughter sheep 15 00-21.00.

GOATS 28: 23.00-38.00, few to 62 00 per head.

Carlisle Auction

Carlisle, Pa.
Wednesday, Nov. 18
Report supplied by auction

CATTLE STEERS Choice 61.75-63.25; Good 50.50-56 00. HEIFERS: Choice 59.75; Good 54.25-55.75; Standard 46 50-50.50. COWS Utility & Commercial 38.00-41.85; Cutter 35.25-38.00; Canner & Low Cutter 32.75-36 00; SHELLS down to 30 25 BULLOCKS. Utility 45 00-49.25.

FEEDER STEERS. 52.00-66.00.

CATTLE HEIFERS: 48.00-66.00

BULLS. 40.00-56.00.

CALVES: VEALERS: Choice 90.00-114.00; Good 80.00-95.00; Standard & Good 65 00-85.00, Standard & Good 60.00-70 00.

HOGS. Barrows & Gilts US No 1-2 43 75-46.50, US No. 1-3 39.00-44.00; US No. 2-3 35 00-39.00. SOWS US No 1-3 40.50-43.00; No 2-3 38 50-40.50; Boars 34.00-36.50.

FEEDER PIGS US No. 1-3 23.00-32.00; No. 1-3 30.00-42.00.

SHEEP: LAMBS: Good 36.00-39.00.

East Coast Carlot

Wednesday, Nov. 18
Report supplied by USDA

Compared to Tuesday's close: Prime special fed veal generally steady. Good and Choice boning veal steady; inshipped 3.00 to 4.00 lower than last week. Lamb market not established, however, weak undertone indicated.

VEAL CARCASS
Prime (Special Fed)
HIDE-ON
360 Head

180-240 lbs. 175 00-178.00, generally steady.

BONING TYPE
HIDE-ON
Good & Choice

Northeastern Suppliers. 65-75 lbs. 76.00-78.00, all steady; 55-64 lbs 74.00-76.00; 45-54 lbs. 72.00-74.00; 35-44 lbs. 70.00-72.00; 34 lbs. down 68.00-70.00.

Inshipped: including late yesterday, 71-80 lbs. 78.00-81.00, all 3.00-4.00 lower than last week; 61-70 lbs. 76.00-79.00; 51-60 lbs. 74.00-77.00; 41-50 lbs. 72.00-75 00; 30-40 lbs. 70.00-73.00.

BONELESS BEEF
1 Load

85 pct chem lean fresh 103.00, late yesterday.

CURED AND PROCESSED MEATS
4 Loads

Semi-Boneless Hams: 17-17 lbs. 115 00 steady.

Boneless Hams. 13-17 lbs. 145.00.

No. 1 Sliced Bacon, Vacuum Pack, 1 lb. pkg. 116.00 weak.

Franks, 70 beef, 30 pork, 1 lb. pack 89.00 steady.

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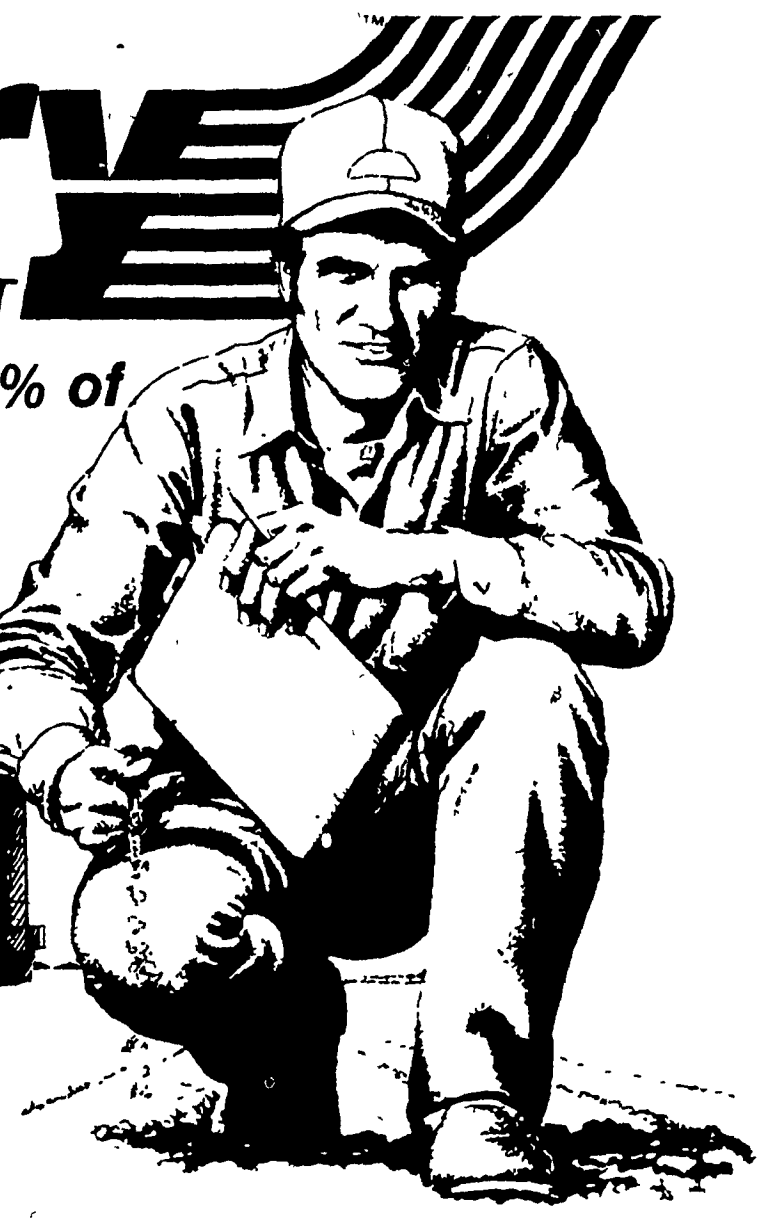

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Livestock market and auction news

Belleville Auction

Wednesday, November 18
Report supplied by PDA

CATTLE 102. Compared with the market two week's ago: Individual Good slaughter steer at 56.35. Individual Choice slaughter heifer at 59.25, one Good at 57.50. Utility and Commercial slaughter cows 35 50-39.25, couple 40.10, Cutters 33-36.85, Canner and Low Cutters 28-32.50. Few Yield Grade #1, 1175-1925 lbs. slaughter bulls 46.25-48.10.

CALVES 163. Few Good vealers 59.00-69, few Standard and Good 110-130 lbs. 54.00-58, 70-100 lbs. 44.00-50, few Utility 50-80 lbs. 32.00-44. Farm Calves Hol. Bulls 85-130 lbs. 51.00-97; Few Hol Heifers 70-125 lbs. 51 00-92.00.

HOGS 151. One Lot US No. 1-2 230 lbs. barrows and gilts at 44.85, No 1-3 205-260 lbs. 43.35-45 50, lot 45.75. Few US No. 1-3 320-600 lbs. sows 39.00-46, few No. 2-3 325-760 lbs 38.50-41. Few Boars 33.50-46.50.

FEEDER PIGS 396 US No. 1-3 20-35 lbs. feeder pigs 18.50-26.50 per head.

SHEEP 19. Few Good and Choice 75-120 lbs. wooled slaughter lambs 37.00-46. Few Slaughter ewes 17 00-29.

GOATS 6. Few $23-$30 per head.
HOLSTEIN DAIRY COWS $560-$1130 PER HEAD.

Valley Livestock

Valley Stockyards
Athens, Pa.
Monday, Nov. 16
Report supplied by auction

Reported receipts of 175 calves, 115 cows, 19 bulls, 22 heifers, 8 steers, 78 hogs, 17 lambs, 3 sheep. Cattle market real active, calf market steady to higher.

Holstein Heifer Calves to 117.50, Veal Calves to 88.50; Bobs, 90-110 lbs. back to farm up to 106.00; Bobs, 80' and down 45.00-60.00; Grassers & Feeders 38.00-71.00; Lambs medium 35.00-47.00; Sheep 8.00-22.50; Hogs, 200-250 lbs. 42.00-48.50; Sows 38 00-42.00; Boars 28.00-32.00; Pigs 10.00-18.00; Heifers 36.00-41.00; Steers none; Steers, feeder 45.00-52.00; Bulls 35.00-44.75; Cows, utility 38.00-43.00; Cows, fat 37.00-41.00; Cows, medium 34.00-36.50; Cows, poor or small 28.00-33.00; Horses none; Ponies to 72.50; Goats to 52.00.

Weekly Summary

Friday, November 20
Report supplied by PDA

CATTLE: 5726. Compared with 4820 head last week, and 4935 head a year ago. Compared with last week's market: Slaughter steers steady to 1.00 higher; Sl. heifers steady to strong; Sl. cows steady to 1.50 lower; Sl. bullocks steady to weak; Sl. bulls uneven, mostly 1.00 higher. Sl. steers: few High Choice & Prime No. 3-4, 64.00-65.25; Choice No 2-4, 60.00-64.00, few 64.85, Good 56 00-61.50; Standard 48.75-55.50 Sl. heifers: Choice 57 00-62.50; Good 53 75-58.00; Standard 47 50-54.00 Sl. cows: Utility & Commercial 39.00-42.00 with few 43.50; Cutters 35 00-39.75; Canner & L Cutter 30.00-36.00 few down to 27 00; Shells down to 20 00. Sl bullocks. few Choice 58 75-64 50; Good 52.50-58 75; Standard 46 50-52.00. Sl. bulls: Yield Grade No. 1, 1000-2100 lbs. 47.00-55.00; Yield Grade No. 2, 1000-1500 lbs. 43 00-51.00 FEEDER CATTLE: Steers, medium Frame No. 1, 300-800 lbs. 45.00-58 50, few down to 35 00. Heifers, Medium Frame No 1, 350-750 lbs. 40 00-49 00; Bulls, Medium Frame No. 1 300-800 lbs. 43 00-57.50.

CAVLES: 4584. Compared with 3958 head last week and 3769 head a year ago Vealers grading Good & Choice steady, Standard & Good grades steady to 5.00 lower. Few Prime 92 00-123.00; Choice 85.00-97 00; Good 65.00-85.00, few 110-130 lbs. 54.00-60.00; 90-110 lbs. 45.00-57 00; 60-85 lbs. 35.00-50 00; Utility 50-110 lbs. 25.00-45.00.

FARM CALVES: Hol. Bulls 80-125 lbs 51 00-102.00, mostly 60.00-85 00; Hol. Heifers 80-145 lbs. 51.00-150.00, mostly 70.00-102.00.

HOGS: 7885. Compared with 5435 head last week and 7255 head a year ago Barrows and gilts .25-.50 lower & spots 1.00 lower. US No. 1-2 200-240 lbs. 45.75-46.75 few 47.85 No. 1-3 200-250 lbs. 44.50-46.25; No. 2-3 190-275 lbs. 43.00-44.50; No. 1-3 140-190 lbs. 39.25-45.50; Sows mostly steady. US No. 1-3 300-575 lbs, 40.00-44.00 few 47.50; No. 2-3 300-650 lbs. 38.50-41.00. Boars 30.00-37.50

FEEDER PIGS: 1571. Compared with 750 head last week and 1508 a year ago. Feeder pigs uneven US No. 1-3 20-35 lbs 16.50-26.50 per head; NO. 1-3 35-50 lbs. 21.00-34.50; No 1-3 50-80 lbs. 29.00-38.00.

GRADED FEEDER PIGS: 2229. Compared with 3636 head last week, and 3171 head a year ago. All sales by CWT, Feeder Pigs uneven, weights down to 40 lbs. 6.00-12.00 lower, weights up to 40 lbs. mostly 3.00-8.00 higher. US No 1-2 30-40 lbs. 72.00-94.00, 40-50 lbs. 73.00-88.00, some 94.00, 50-60 lbs. 70.00-81.00, some 96.00, 60-75 lbs 64.00-85.00; US No. 2-3 25-40 lbs. 65.00-81.00, 40-55 lbs 70 00-80 00, 60-75 lbs. 42 00-68 00

SHEEP: 691. Compared with 567 head last week and 496 head a year ago Wooled sl. lambs steady to 2 00 lower; Choice 65-115 lbs. 45 00-51.00 few 68.00; Good 50-95 lbs. 40.00-45.50, few down to 35.00 Sl. ewes 15 00-29.00.

Indiana Livestock

Homer City, Pa.
Thursday, November 19
Report supplied by PDA

CATTLE 113: Compared with last Thursday's market; Slaughter steers .50-1.00 lower; Sl. cows steady to strong. Choice 1200-1350 lbs. 59.25-62.00 with one at 63.00. Few Good 56.50-58.75. Sl heifers few Standard & Good 45.75-54.50; few Utility 42.75-47.00. Sl. cows: Utility and Commercial 38.25-40 75 with one at 42.00; few Commercial 4-5 37 50-40.00; Cutters 35.00-38.50; Canner & L. Cutter 30.00-36.00; Shells down to 25.00. Sl. bulls Yield Grade No. 1, 1150-1700 lbs. 44.00-48.25; few Yield Grade No 2, 1200-1500 lbs. 41 00-44.00.

FEEDER CATTLE: Steers, Medium frame No. 1, 350-500 lbs. 50 00-56.00. Heifers, few Medium Frame No. 1, 400-600 lbs. 44.00-46.25.

CALVES: 166. Vealers grading Good & Choice fully 10.00 higher. Choice 85.00-99.00; Good 65.00-81.00; few Standard & Good 110-130 lbs. 50.00-62.00; 90-110 lbs. 44.00-55 00; 60-85 lbs. 40.00-45.00; 25.00-36 00.

FARM CALVES: Hol. Bulls 90-120 lbs. 55.00-61.00, few Hol. Heifers 80-90 lbs. 48.00-57.00.

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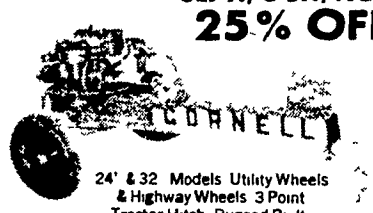

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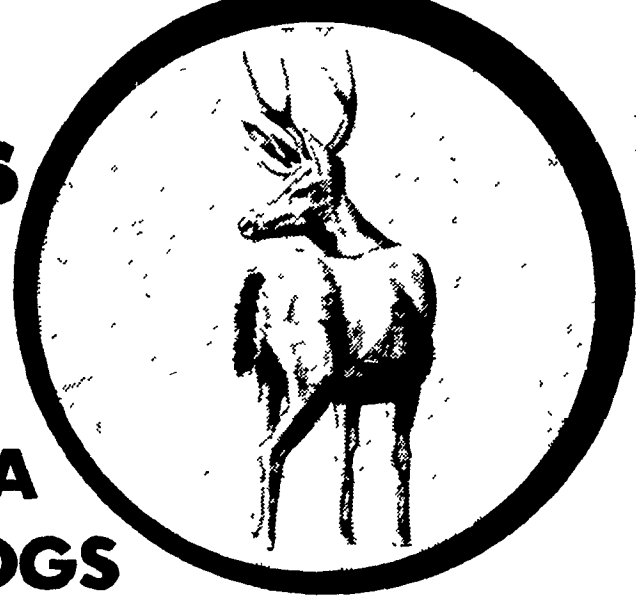

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1,000	4'0"	10'8"	10	827	310.00
1,000	4'0"	10'8"	7	1,129	351.00
1,000	5'4"	6'0"	7	1,028	326.00
1,500	5'4"	9'0"	7	1,388	438.00
2,000	5'4"	12'0"	7	1,735	534.00
3,000	5'4"	17'11"	7	2,432	720.00
4,000	5'4"	23'10"	7	3,130	908.00
5,000	8'0"	13'7"	1/4"	4,484	1645.00
6,000	8'0"	16'2"	1/4"	5,123	1800.00
8,000	8'0"	21'6"	1/4"	6,475	2230.00
10,000	8'0"	26'10"	1/4"	7,825	2660.00
10,000	10'0"	17'0"	1/4"	6,956	2405.00
12,000	10'0"	20'6"	1/4"	8,074	2800.00
12,000	10'6"	18'7"	1/4"	7,900	2690.00
15,000	10'6"	23'2"	5/16"	11,857	4130.00
20,000	10'6"	31'0"	5/16"	15,105	5160.00
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2,000	5'4"	12'0"	7	1,735	100 to 200
3,000	5'4"	17'11"	7	2,432	150 to 300
4,000	5'4"	23'10"	7	3,130	250 to 500

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3,000	5'4"	17'11"	7	2,312	300.00
4,000	5'4"	23'10"	7	3,010	400.00

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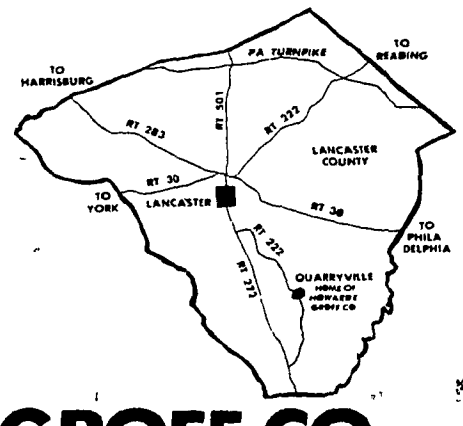

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Ayrshire breeders plan spring sale

NEW ENTERPRISE — Because of an increasing demand for Ayrshire calves from 4-H'ers and FFA members, a four-man committee, comprised of central Pennsylvania and southeastern Pennsylvania Ayrshire breeders, is investigating the prospects for a spring consignment sale, said committee member Milt Brubaker, Lititz.

"We get a lot of calls in the spring from 4-H and FFA members for calves of showing age," explained Brubaker, also Executive Secretary for the state Ayrshire Association.

Brubaker, Earl Keefer, Millersburg, John Ocker, Shippensburg and Cletus Rhodes, Alexandria were appointed to the sale committee during the annual meeting of the Central Pennsylvania Ayrshire Club, last Saturday at the farm of Carl and Curt Sweinhart The committee is expected to report its findings during the Farm Show meeting on January 12.

A co-sponsored sale is not new to the southeastern and central clubs, as both groups have held an annual Firecracker Ayrshire Consignment Sale in July. The next Firecracker sale has been set for July 7, 1982 in Carlisle.

Regarding the proposed spring sale, Brubaker explained that the committee is seeking a new location instead of using the Firecracker site or the state association's Keystone Classic site in Lancaster. A different location, said Brubaker, will possibly stir up more interest in the Ayrshire breed in other areas of the state. The proposed sale will feature calves of showing age as well as older animals, Brubaker said.

During the business portion of the meeting, the club voted to continue sending the Ayrshire Digest to 13 Vo-Ag schools in the area In addition, members voiced their support of the Pennsylvania All-American Dairy Show next year. The club voted for providing one-half of the premium money for the Produce of Dam class during the Ayrshire competition.

Before the meeting ended, club members filled several slots on the executive slate. The new officers are. John Ocker-president; Carl Sweinhart-vice president; Jim Laughlin, Chambersburg-secretary-treasurer, Robert Wilkins, Saxon and Cletus Rhodes-two-year directors; Sam Diehl, Bedford and Earl Keefer-one-year directors; Sam Diehl-Pa. state director.

Slide show depicts farm problems

WEST CHESTER — The Upper Brandywine Regional Planning Commission is currently scheduling a slide show that demonstrates the importance of, and problems with, farming and farmland in the area. The following times and places have been reserved: Nov. 24, East Brandywine Township Bldg., 7 p.m.; Dec. 3, West Nantmeal Township Bldg., 7 p.m.; Dec. 9, West Brandywine Township Bldg., 7 p.m.; Dec. 15, Wallace Township Building, 7 p.m.; Jan. 6, Honey Brook Township Bldg., 7 p.m.

To schedule a meeting or for more information, contact the Regional Planning Commission at 215/696-5758 or the Chester County Planning Commission at 215/431-6285.

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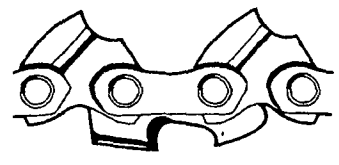

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Farm equipment leases up sharply, reports USDA

WASHINGTON, D.C. — More and more farmers are leasing their equipment instead of buying.

A recent survey of 131 leasing companies indicates that the value of their outstanding agricultural leases rose 141 percent between 1979 and 1980. According to this survey, irrigation units are the most common type of farm equipment leased, followed by tractors and harvesting equipment, reports USDA's Economic Research Service.

Rising machinery prices, loan rates, and income tax brackets for some farmers make leasing attractive. The Economic Recovery Tax Act of 1981 grants advantages to corporations and banks that purchase rental equipment, a situation fostering desirable leasing terms for farmers.

Since leasing requires no downpayment, it frees that working capital for defraying the rapidly rising costs of production items such as fertilizer, pesticides, and machinery and repair costs. Because of IRS classifies lease payments as fully deductible business expenses, leasing increases the farmer's after-tax cash flow over the entire term of the lease.

With competition in the leasing market on the rise, lessors often pass some of their savings in investment tax credits, depreciation, and interest deductions to the lessee in the form of lower lease payments

Financial and operating leases are the two types currently in use There are no aggregate data specifying the extent to which each type is transacted in the farm sector.

The costs associated with both operating and financial leases are tax-deductible. However, the short period of use usually involved with an operating lease makes the lower capital investment much more important than any tax advantages. With financial leases, which entail longer-run use of equipment, the farmer carefully weighs the tax differences between leasing and ownership.

For the Short Term...Operating Leases

Operating leases are made for the short term, usually less than a year. For this reason, rates on an operating lease are often set on an hourly, daily, or weekly basis.

Besides offering flexibility, operating leases free lessees from the fixed costs of ownership as taxes, insurance, interest, and depreciation. Such costs per unit of time can be excessive if the equipment is only used for a very short part of the year, as is often the case with items such as cornheads.

Although under an operating lease the lessee is responsible for variable costs, including fuel and routine maintenance, he does not have to pay for repairs. The lessor incorporates fixed ownership costs into the lease payment, but the amount a farmer pays in this way - when leasing for short periods of time - is often less than his costs of ownership would be.

The outlook for operating leases appears promising. Should the farm sector become more dependent on export demand, total demand for farm output is likely to show more volatility. In order to add flexibility to their production schedules, farmers may need to use some farm machinery part-time through operating leases.

The expansion in individual farm size requires additional equipment. With parttime use through an operating lease, the farmer can avoid adding to the long-term debt he may already have incurred in purchasing additional farmland.

For the Longer Term...Financial Leases

Financial leases are usually extended for between 3 and 4 years, and the lessee is contractually bound for the entire term of the lease Financial leases are especially attractive because the payments are fully tax deductible, whereas with purchase loans, only the depreciation and interest portions of payments are tax deductible.

When buying, the farmer receives a 10-percent investment tax credit, which directly reduces his total tax bill. For farmers with higher tax liabilities, this credit declines in significance while the tax deduction on total lease payments becomes more significant.

Although financial leases often carry a higher implicit interest cost than comparable loans, the tax revisions under the Economic Recovery Tax Act of 1981 have reduced the after-tax costs relative to purchase loans The revisions have extended the maximum term of a lease from one-half of the useful life of the equipment to 90 percent of its useful life and have eliminated the limit on lease payments

For example, the extension of the maximum term has allowed lease payments to correspond to the amortization of principal and interest, which are fully tax deductible. Previously, the tax laws had limited the lease term to prevent it from serving as a disguised purchase.

Types of Equipment Leased by the Various Lessors, 1980

Items Leased	Type of Lessor: Banks	Captive percent of items leased	Independent
Tractors	5	25	17
Autos	2	0	0
Trucks	3	0	7
Irrigation equipment	45	3	23
Grain Storage and handling equipment	12	1	10
Harvesting equipment	14	19	6
Livestock buildings and equipment	1	1	10
Livestock	0	25	21
Implements and other machinery	9	13	5
Non production items	9	13	1

Eliminating the limit on lease payments has allowed farmers to amortize repayment of the principal faster. Because under a lease contract these repayments are fully tax deductible, the lessee can realize larger tax savings during the early part of the lease when the net present value is highest.

This option can be advantageous to farmers in high tax brackets, even if they have an adequate cash flow to purchase the equipment. In addition, the variable interest rates on Production Credit Association loans mean much uncertainty about interest payments. By locking interest charges into a fixed rate, financial leases eliminate this uncertainty.

The outlook for financial leasing also appears favorable. The consolidation of farms into larger operations, as well as an increase in absentee owners with high off-farm incomes, tends to increase the average tax bracket of many farmers. While the Economic Recovery Tax Act of 1981 should slow this trend, it should still increase the tax advantages of financial leases. The continued volatility of interest rates at a high level should likewise enhance farmers' desire for the fixed-payment privilege financial leases offer.

Incentives for the Lessors

For the lessor, there are many advantages to leasing instead of selling The implicit rate of return on a lease often exceeds the effective rate of return on a loan.

Lessors can benefit from an investment tax credit on equipment purchased for leasing, and they can claim normal depreciation. Also, after a financial lease expires, lessors can often sell the equipment at more than book value.

Lessors of farm machinery are primarily independent commercial leasing companies, bank-affiliated lessors, participation lessors, and captive lessors affiliated with manufacturers of farm equipment.

The independent commercial leasing companies, which traditionally have not been heavily involved in farm equipment leasing, generate their own business. They often retain agents who locate customers. To ensure a sufficient volume of business to compensate for their high fixed costs, most commercial leasing companies lease the more expensive types of farm machinery, such as tractors and combines.

Participating lessors engage in joint loans, usually with small country banks. They provide expertise in exchange for a servicing fee, while the country bank originates the lease. The participating lessor often holds a minimum of 25 percent of the lease.

Small local banks have become very receptive to such

(Turn to Page A19)

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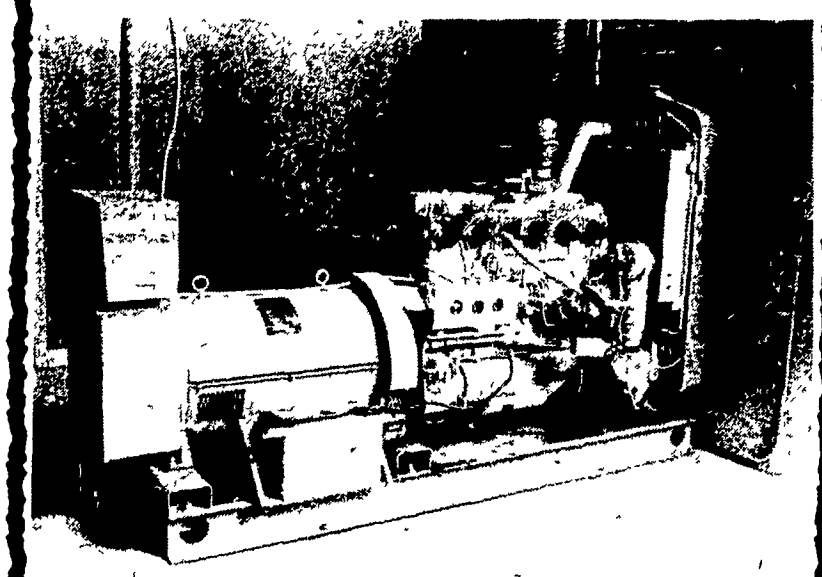

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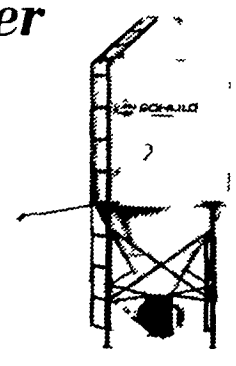

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Compromise

The Senate-House Conference Committee on the 1981 Farm Bill before Congress, took only three days to reach a compromise on the Dairy price support program. The important feature was the loss of the 72 5 percent of parity in 1983 contained in the House version that was supported by the National Milk Producers Federation.

The Senate gave up the dollar limits of CCC purchases in their version supported by American Farm Bureau and substituted a "pounds of milk equivalent" limit. So what you have now is a continuance of the present support price of $12.80 for 3.5 milk for 1982 and a drop to 70 percent of parity in 1983 if Commodity Credit Corporation purchases are estimated to be over four billion pounds of milk equivalent.

This will continue in 1984 if estimates are expected to be over 3.5 billion pounds and in 1985 the purchase limit is 2 69 billion pounds of milk equivalent In any of these years when estimates are below the maximum levels the support price can be increased to 75 per cent of parity but no six month adjustment

However, this isn't the end of the line or the final word. Post hearing briefs are due December 20 and the final bill is to go to the President by January 15 and anything can happen at either place. The big concern is that the total cost of the farm bill will exceed the President's guidelines and get vetoed.

However, the word is that these features and provisions are not "east in stone" and will come up for yearly adjustments and are subject to changes to accomodate budget allotments each year. Under such an arrangement Congress is saying — let's try it — if it doesn't work we'll change it.

Bottom Line

All of this is interesting and important to understanding the political process and decision-making by your Congress and farm organizations that goes into determining prices now that you've turned this responsibility over to the government. But the bottom line for your financial planning for the immediate future is — don't expect any higher price for the next year.

Whether you blame it on the action or inaction of Congress the support price is staying, for this year only, at $12.80 for 3.5 milk — not 70 percent of parity or 75 or 65 but $12.80, period.

It's interesting to know that in October that $12.80 was 72.8 percent of parity but in November it increased to 73.2 percent. That's because the Parity Index (the Index of Prices Paid by farmers) dropped four points that month. It fell because of some of the strange reasons that gave you increases over the last two years such as feeder livestock prices falling 33 points — which has nothing to do with the cost of producing milk.

So, after two years of dependence on government supports because of record high milk production they're saying $12 80 until October 1982 and enjoy it while you can After that the support price is bound to fall to whatever minimums are set by Congress and the President It will likely be less than the present $12.80 because there's no way that CCC purchases will fall below the minimums of milk equivalent now being considered.

If the support price had been set at 70 percent in October 1981 it would have been $12 27 instead of $12 80 as it is now. No one knows what will happen to the economy and the Parity Index by October 1982 but if it doesn't change — which is very unlikely — you can expect 50 cents a hundred less on the support price

Any increases in the Parity Index during the next year are not likely to be high enough to get back all of that 50 cents difference so don't gamble on increases above the $12.80 you have now If, on the other hand, the Parity Index continues to drop — and this is a strong possibility — then 70 per cent of parity in October 1982 will be less than the $12 80 present support price.

Equipment leasing

(Continued from Page A18)

arrangements because leasing can sometimes provide them a higher rate of return than a loan. Leasing also allows them to provide financing that may exceed the permissible limit on a comparable loan. With greater experience in the intricacies of leasing, small country banks should generate many more leasing contracts.

Lessors affiliated with banks have increased in number for the same reasons as participating lessors. Many of their lessees are regular customers, so the risk sustained by the bank on financial leases is comparable with that for loans The favorable rate of return on leases should be attractive to bank-affiliated lessors.

Manufacturers' captive lessors may be more concerned with generating sales for the parent company than with the rate of return on the leased equipment investment. The extent of their leasing contracts, therefore, tends to run countercyclical to equipment demand, which is closely related to net farm income.

As farm equipment sales pick up, captive lessors should be less pressured to generate sales throughout leases.

Results of a survey of 131 leasing companies indicate that captive lessors generated the greatest net lease value in 1980 with $336 million, or 54 percent of the total, followed by independent lessors with $187 million, and banks with $105 million. The survey also found that bank-affiliated lessors had the longest average term, 6 6 years for all leases, compared with 5.4 years for indepdent lessors and 4.5 years for captive lessors.

Livestock exports top imports

WASHINGTON, D.C. — Value of livestock exports topped that of livestock imports during the first 8 months of calendar 1981, according to a USDA Foreign Agricultural Service report issued last week.

The report also shows that value of livestock exports, at $2.2 billion, was up 4 percent from Jan.-Aug. 1980, despite lower export value totals of tallow and grease, hides and skins, furskins and variety meats — the top 4 livestock exports.

Tallow and grease exports, at $458.6 million, were down 6 percent from a year earlier. Exports of hides and skins, at $463.5 million, were down 2 percent, furskin exports, at $270.2 million, were off 2 percent; and variety meat exports, at $206.0 million, were down 3 percent from a year earlier.

But, higher beef and veal and pork exports more than offset the decline. Beef and veal exports, at $192.5 million, were up 19 pct.; pork exports, at $184.5 million, were up 63 pct. from a year earlier.

On the other hand, the value of livestock imports, at $2.0 billion, was down 5 percent from the Jan.-Aug. 1980 total. Pork imports, at $333.3 million, were up 9 percent, and furskin imports, at $135.4 million, were up 46 percent from a year earlier. But, the value of beef and veal imports, at $976.2 million, was down 16 percent; and the value of cattle imports, at $128.6 million, was off 23 percent from the first 8 months of 1980

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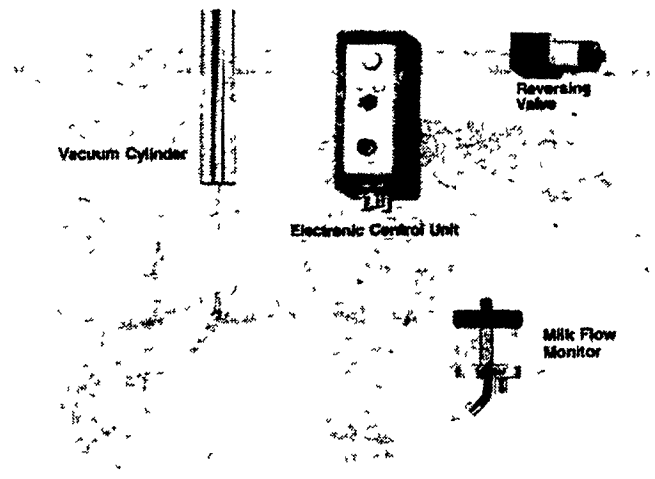

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Lebanon County celebrates another s

PRESCOTT — A week-long celebration of farm and city folks getting to know each other in Lebanon County was culminated here at the filled-to-capacity Fire Hall Thursday evening as the second annual Farm-City Banquet drew to a close.

As a fledgling stretches its wings, so the Lebanon Farm-City committee tried out some new flight patterns in getting this public relations event off the ground this year. Making its debut on the Lebanon Farm-City activities calendar was the legislative breakfast, held Monday at the Treadway Inn, Lebanon.

Last year's successful farm and business tours and job exchanges between farmers and businessmen were restaged this year, along with the popular Sheep to Shawl contest, poster contest, and farm equipment display, held for the second year at the Lebanon Valley Plaza Mall.

More than 50 Lebanon County farmers and ag business representatives were updated on the current farm-related legislation being worked on at the state capital. They listened to comments made by Lancaster County's Rep. Noah Wenger, vice chairman of the House Agriculture and Rural Affairs Committee, and Bill Sonntag, legislative aide to Sen. Edward Helfrick, chairman of the Senate Ag Committee.

Legislators and farmers gathered in Lebanon on Monday morning for the Lebanon Farm-City Legislative Breakfast. Pictured, from left, are Bill Sonntag, aide to Sen. Edward Helfrick; Dave Wauls, Lebanon Chamber of Commerce; Dennis Grumbine, program chairman; Rep. Nicholas Moehlmann; Rep. Noah Wenger; Deputy Secretary of Agriculture Chet Heim; Sen. Clarence Manbeck; and Rep. George Jackson.

"There are strong ties between neighboring Lancaster and Lebanon counties," remarked Wenger. "We both have similar economies, agriculture, industries, commerce, and tourism."

Wenger recognized that agriculture in both counties has suffered economic hardships, with "two years, back to back, that were unprofitable." This economic crisis that is surrounding the agricultural industry will also have a profound effect on other businesses in the community, Wenger pointed out.

"Nobody lives to themselves," he shared. "Whatever happens down on the farm will affect merchants on Main Street."

Wenger voiced his opinion that Americans are able to purchase wholesome, nutritious food at reasonable prices — "sometimes too reasonable compared to the cost of production."

Calling agriculture the "bright spot" of the economy, Wenger pointed out that "if it weren't for agriculture's exports, our nation's deficits would be worse than what they are now."

Pennsylvanians are lucky that the state's second largest industry is agriculture, noted Wenger, because this provides over $2 billion in revenue and an important link in the food chain. "The local supply of food acts as a buffer to the high cost of fuel and transportation costs," he said. "In times of recession, we'll pull through better with our industrial mix than those states who have poured all their resources into one industry."

Wenger reviewed some of the current legislation in the Commonwealth that affects the farm community, citing Act 43 which permits local governments to outline agricultural districts along with House Bill 1823, the Right to Farm Bill. "I'm encouraged and optimistic that HB 1823 will pass the House this calendar year," exclaimed the bill's prime sponsor, adding that he hopes the Senate will pass the legislation early in the next session.

Wenger was not as enthusiastic about two other pieces of legislation, the Tax Reform and the Water bills.

"According to a Penn State study, farmers, in relation to income, are paying too much tax," commented Wenger. "The Tax Reform Bill does little to alleviate this problem.

"I believe the idea of changing from a real estate tax to an income tax is sound. The worst part is the business occupancy and use tax which would require small merchants who lease their stores to have to pay tax and the landlord would no longer have to pay real estate taxes.

"Theoretically, these landlords are then supposed to reduce the rent according to their savings on taxes. Who are you kidding? These landlords will see this as their chance to catch up on low rental rates.

"The dollar for dollar tradeoff isn't realistic. The small merchant would have to pay the business use and occupancy tax — and if he makes any money, he'll have to pay an additional income tax. This will mean greater taxation for the people who keep

Concerning the Wenger conceded tha controversial bill "D.E.R. should have and only that, first mented.

"This legislation bureaucrats, who ar known to be sensit needs, in charge of ces." He noted that there is a growing co Pennsylvania citizen possibilites of water s droughts, Wenger s weighing the choi weather and bureauc we're better off taking with the weather."

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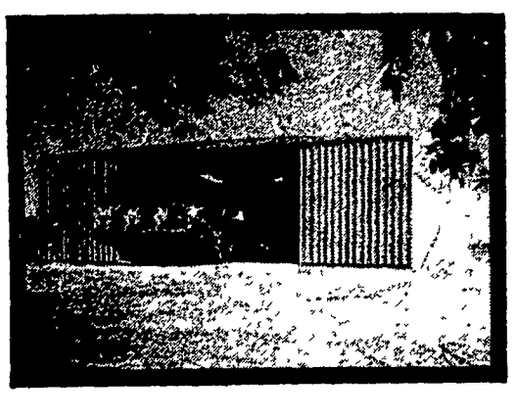

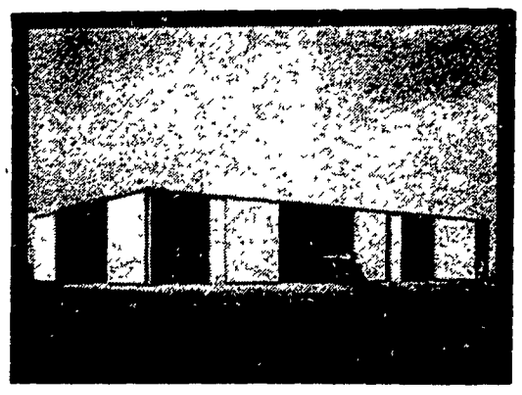

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Concerning the Water Bill, Wenger conceded that parts of the controversial bill were good. "D.E.R. should have done a study, and only that, first," he commented.

"This legislation puts state bureaucrats, who are not always known to be sensitive to local needs, in charge of local resources." He noted that even though there is a growing concern among Pennsylvania citizens about the possibilites of water shortages and droughts, Wenger said that, on weighing the choice between weather and bureaucrats, "maybe we're better off taking our chances with the weather."

Speaking on Senate actions, Sonntag spoke to the group of Lebanon County farmers about hazardous waste site recommendations.

"Business has got to find a place to put hazardous waste, and agriculture has to have a hand in it. Business will be looking to rural areas as the easiest places to get rid of the waste, resulting in a serious impact on agriculture," he said.

To deal with the problem, Sonntag announced that Senator Helfrick's committee will be looking at tagging a clause onto Act 43 which would prohibit hazardous waste sites to be located in agricultural districts.

He also noted the bill which would exempt manure storage structures from real estate taxes is currently on the House floor, awaiting the vote which could send it off to the Governor's office for signing into law.

On the lighter side of the Farm-City celebration, four spinning and weaving teams competed in the second annual Sheep to Shawl contest. The first place shawl was created by a four-woman team called Ewes, Limited. The team included Vivian Lord and Nancy Meyer of Millersville, and Pat Nelson and Margaret Wadeck of Washington Boro.

The team completed their 77-inches long, 22-inches wide winner in just 94 minutes. The design of the shawl was a canvas weave with rhubarb-hue hand dyed wool accenting the natural fibers. The champion shawl brought a bid of $180 from Pat Houser, Lebanon.

Ridley Creek Craft Guild created the second place shawl in 81 minutes. The team of Emily Nelson, of Glen Mills, Lynn Henderson, Nancy Krivanek and Mary Lou Van Scoter wove a Swedish-lace folk pattern that was developed in Chester County by the Swedes who settled there. The 80-inches long shawl sold to Tressie Caton, Reading, for $200.

Taking third place in the contest were the Fiber Fanatics, with team captain Ginny Leber of Camp Hill; Jane Eggleston, Harrisburg; Sharen Worley, New Cumberland; and Ruth Clark, Camp Hill. This lavendar-hued shawl matched the outfit of buyer Sandy Bachman, Annville, who's bid of $160 bought the hand-woven wrap.

Deputy Secretary of Agriculture Chet Heim was on hand to boost the bidding of the final shawl to the top price of $220. Created by the Fancy Flock Flyers' team captain Carol Buskirk, Linglestown, along with Dianne Dilger, Lebanon; Jimmie Hepford, Harrisburg; and Alice Winner, Grantville, the natural-color shawl was purchased by Sandy Plummer, Lebanon.

The sheep shearer for the contest was Lebanon Countian Ben Bow.

Keeping the crowd at the Farm-City banquet in stitches, the job exchange participants shared some of their day-on-and-off-the-farm experiences.

First on the program to divulge his eye-opening revelation of what farming involves was Bethlehem Steel's Lynn Rankin.

"I had to make a decision on whether to take a day's vacation before I went to the farm in order to rest up, or after I came back from the farm to recuperate," Rankin quipped. He commented on the early hours that dairy farmers keep, with the day starting at 5 a.m. when Leroy Geesaman brought in the cows. "Then we jumped in the pickup, while the boys did the milking, and we went to visit the neighbors," laughed Rankin.

In his final comments, Rankin exclaimed that "farming has come a long way. All the capital it takes to run a farm parallels the steel business. Today farming is a scientific field."

(Turn to Page A26)

The tasks of farming and business were shared by this year's Lebanon Farm-City Week job exchange participants during Thursday's banquet. Taking a break from their tough day on the farm are, seated from left, Howard Boose, Alcoa; Lynn Rankin, Bethlehem Steel; and Jim Meluskey, Ace Aluminum. No worse for wear, the farmers included, from left, Cyrus Bomberger, Leroy Gessaman, and Hershey Bare.

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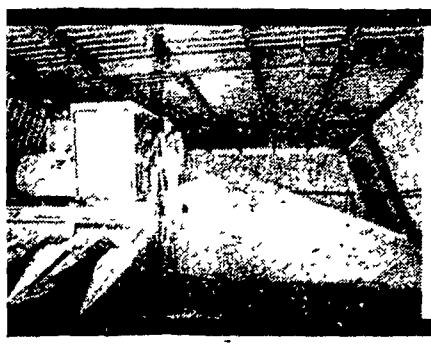

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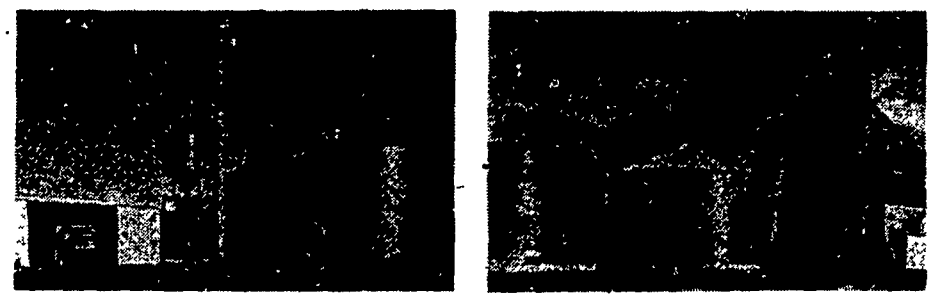

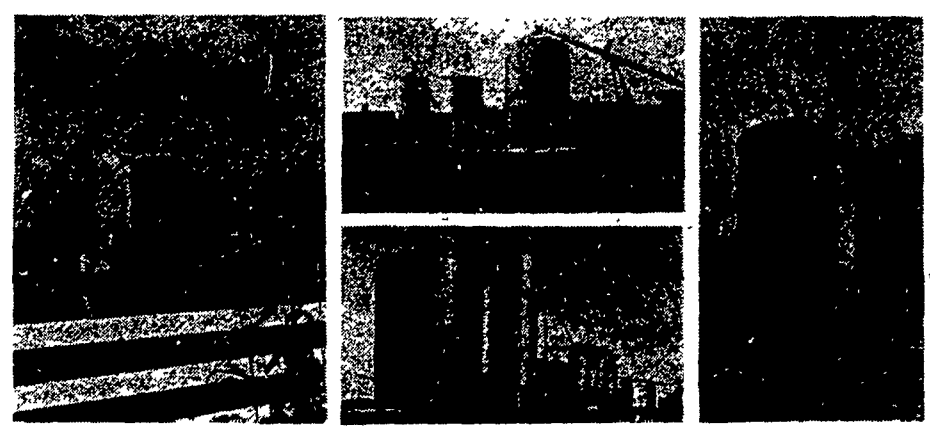

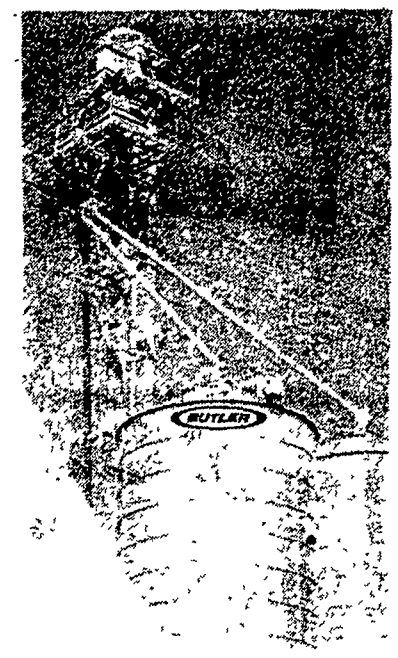

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Waybright digester sparks energy meeting

BY JOYCE BUPP
Staff Correspondent

YORK — While mainland China has some 700,000 small anaerobic waste digesters, and the Indian government is building 450,000 across that Asian country, U S agriculture still views the production of biogas from livestock manure with skepticism

'We're way behind, and it's unfortunate, considering the economic pinch, that we're not taking advantage of this potential to save money," asserts Adams County dairyman Richard Waybright.

Waybright, of Mason-Dixon farms at Gettysburg, was a featured speaker at a seminar on saving energy on the farm, held Monday evening at the York 4-H Center Co-sponsors for the seminar, attended by about two dozen interested farmers and area residents, were the York County Conservation District and the Region VI Pennsylvania Energy Center.

One of the principal partners in the family-owned Mason Dixon dairying operation, Waybright is well known for his innovative and successful development of a self-sufficient electricity-from-manure digester system.

Using the manure waste from the 1,200-dairy animals in the milking string, Mason-Dixon has wiped out their annual $35,000 electricity bill, and is at the point where they could theoretically begin marketing some of the current back to area utilities at peak times

Mason-Dixon made national farm-news headlines two years ago when the initial system went on-line. Now, with that period of experience as a foundation, the biogas production is continually being fine tuned, and has shown considerable gain in efficiency.

Manure from the huge free-stall barn is flushed twice daily with a flow of 3,000 gallons of water per minute, for about four minutes in each alleyway. A one-half-inch slope drains the manure-bearing liquid away fairly rapidly, leaving behind clean alleys, and drier, healthier feet on the dairy animals, as a bonus.

From the alleyways, the flushed manure-water is diverted to a large settling basin outside the barn After solids settle out a six-inch depth of sludge daily, the liquid is drawn off the top, and the sludge scraped into a holding area for feeding into the biogas digester.

This past winter, Waybright added a second giant-plastic-bag digester, each capable of holding up to 15,000 cubic feet of gas. The manure sludge is heated in the digester using waste heat from the self-contained system.

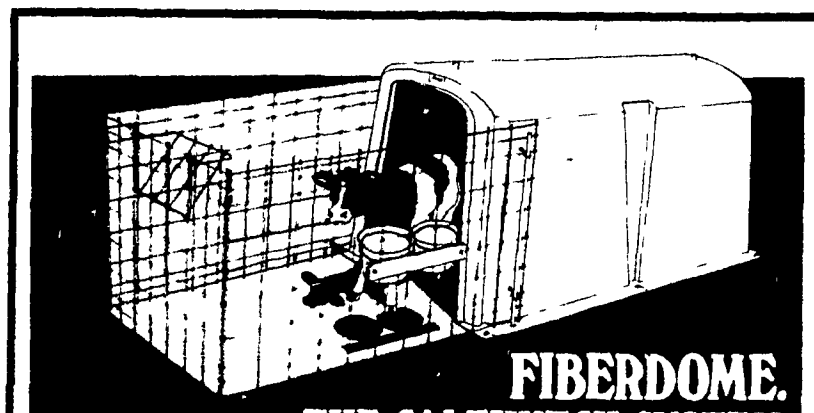
A PVC piping system draws the gas from the digester bag and feeds it into the generators, where it is converted into electricity.

One recent change was a switch from diesel motor generators to Caterpillar LP-operable ones, the same type of generator used in the

(Turn to Page A23)

Richard Waybright, of Mason-Dixon Farms in Gettysburg, says American agriculture is way behind much of the rest of the world in recognizing the value of energy from livestock manure.

A special meter, shown here by Met-Ed's residential representative Paul Wojciechowski, makes it possible for residential customers to plan their energy usage at a time of day when the rates are extra low.



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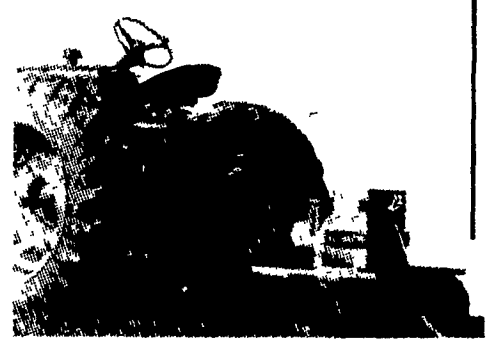
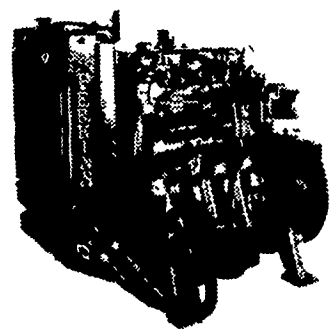


Perkins engines



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Waybright digester

(Continued from Page A22)

west to pump irrigation waters from deepwater wells.

"An LP motor is much more efficient than a diesel," affirms Waybright. "Timing on them for our use needs to be advanced about 21 degrees, which is virtually impossible on a diesel."

The diesels also required one-tenth diesel fuel, added to the biogas, while the LP generator runs solely on unscrubbed biogas piped straight out of the digester.

Efficiency with the LP's has jumped from about a 12 percent of the BTU utilization, obtained from the previous diesels, to as high as 33 percent efficiency with an 80-percent load on the LP system.

"We don't have all the answers yet, but we are getting a better handle on it," he adds.

In addition to generating electricity to operate the milking parlor, cooling and processing of milk, farm shops, and powering four homes, plus an electric-irrigation system motor scheduled for installation in the spring, a heat exchanger utilizes waste heat from the generating motors to heat water to 180 degrees for dairy use, and hot water heating systems.

Still another side-benefit of the system, one that Waybright says he's really excited about, is the increased value of the manure that has gone through the digester process.

After two years of working with the digested wastes, Waybright says that the digested manure is worth six times the value of freshly-spread waste. As the manure passes through the digester heating and gas-production process, the available nitrogen is converted from the ammonia-type that breaks down quickly in the soil to a more stable nitrate form.

Some of the valuable manure water is pumped through four pivot irrigation units over 500 of the farm's total 2765 acres. Test plots checked in the irrigated areas show virtually no difference in yield between crops treated with manure water spray and plots boosted with commercial fertilizer.

"We've seen no burning on the leaves of alfalfa or corn. They just seem a little darker green," Waybright relates.

He noted one particular wheat field, planted last fall, and treated with three-fourths inch of the manure water. Mason-Dixon chopped that growth in April, at waist-heighth, and in Waybright's words, "thicker'n the hair on a dog" and lodging.

In May, a second growth was chopped before the ground was planted to corn. The silage taken off the same field later in the summer yielded 25 tons per acre. No added nitrogen had been applied to either the wheat or the corn crop.

Digested manure also shows promise to cut down on the need for frequent liming of soils. The normal acidity of manure, about a pH of 7, drops to 4.5 after soil application. However, after being run through the biogas process, the pH of the manure climbs to 7.3-7.5.

"It's also a labor saving device, since we don't spend days repairing spreaders and hauling out manure," Waybright adds.

And still another labor savings has come from eliminating the need to bale and handle straw for bedding.

As the digested manure exits the biogas production units, it is run through a "squeezer", a device somewhat akin to an old-fashioned wringer washer. Water is squeezed from the slurry, and reclaimed to the recycling system for flushing and irrigation, leaving the remaining, nearly odorless, cellulose solids.

Again, waste heat from the manure-to-electricity system is used to dry those solids, which have proven an excellent bedding material for livestock, and a superb soil organic booster for gardens.

"A digester is the proper way to handle wastes, and still be cost effective," Waybright insists. He stresses that a family-size herd of about 50 cows could theoretically generate the energy equivalent of 18 gallons of diesel per day, or 6,500 gallons yearly.

And, utilizing the waste heat produced by generators, through a heat exchanger for water, could be worth the equivalent of still another 2,100 gallons of diesel.

"When farmers recognize the true potential," he predicts, "I'm convinced that any livestock farmer is going to have a digester. It's a pretty good payoff."

He also lent a warning: "Don't spend a penny until you know how you'll adapt to this new concept."

Two representatives of Metropolitan-Edison in York were on hand at the energy seminar to discuss the Residential Conservation Service Program, and an experimental program on time-of-day rate differentials.

Time-of-day rates are currently available only to residences, not farm use, nor to farm homes hooked into the same meter as the barn.

The concept is aimed at encouraging the use of electricity in private homes at times when it is not in peak demand for the running of business and industry.

Two rates apply in time-of-day metering. Electric used from 8 a.m. through 8 p.m., Monday through Friday, is charged at the rate of 7.1 cents per kilowatt. For all other hours, including all day Saturday and Sunday, the charge drops to 2.8 cents per kilowatt. That compares to normal across-the-board rates of over 5 cents per kilowatt.

Users of the new, experimental program, are further encouraged to cut their heaviest use, generally from the home hot water heater, by installing a timer to run that major appliance during off-peak hours.

Studies of the time-of-day concept show a potential savings to homeowners of up to 12 percent.

A special meter is installed for the two-cost type of service and customers signing up for the program must agree to continue for one year. While there is no minimum consumption level, usage under 700 kwh per month is not considered cost effective enough to make the switch.

Met-Ed representatives, admitting there was no farm expertise on their staff, projected that, in the future, farmers might get their best energy buys with biogas-from-manure, production for peak-hour use, and the purchase of commercial electricity during off-peak hours.

Co. ranks 14th in ag products sales

WASHINGTON, D.C. — In a report released this week by the U.S. Department of Commerce, Lancaster County has moved up four notches on the national list of Leading Counties in Value of Agricultural Products Sold.

According to the report, Lancaster County now ranks fourteenth with its $405,527,000 worth of farm products sold. This figure was based on the 1978 Census Bureau report. In the previous report of 1974, Lancaster ranked eighteenth in the nation.

The only other Pennsylvania county listed in the top 100 counties in the nation is Chester county, with $172,582,000 worth of farm product sales. The neighboring county has climbed fifty incredible notches on the survey and now ranks fiftieth — the 1974 census found Chester County squeezing onto the list of top 100 counties in last place.

Fresno, Calif. was again the top-ranking county in value of all farm products sold, according to data compiled from the 1978 Census of Agriculture by the Commerce Department's Census Bureau. Weld, Colo., was ranked second and Kern, Calif., third.

Fresno's farm product sales figure was $1.023 billion in 1978, the only county to attain the billion dollar mark. Weld's total was $817.7 million, up from $601.3 million in 1974, and Kern's at $716.5 million was up from $570.2 million in 1974.

The top 10 counties had total sales of $6.3 billion, about 6 percent of the nation's $108 1 billion sales. Others among the top 10 were: Imperial, Calif., $651 million; Tulare, Calif., $648 million; Monterey, Calif., $581 million; Maricopa, Ariz., $539 million; Palm Beach, Fla., $494 million; Merced, Calif., $460 million; Riverside, Calif., $457.6 million.

Twenty-one of the 100 leading counties in 1978 were in California; 13 in Texas; 9 in Iowa; 8 in Illinois; 7 in Kansas; and 6 in Florida.

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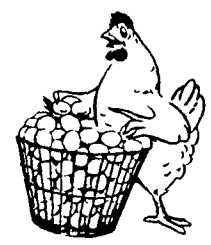

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Inter-State annual meeting

(Continued from Page A1)

the current support price equals 72 5 percent

The conference committee agreed on an annual adjustment on October 1, 1983 to 70 percent parity level However, if the U S. Secretary of Agriculture believes CCC purchases will fall below 4 billion pounds milk equivalent in 1983, he can readjust milk supports to 75 percent of parity

The following year, the agriculture secretary will move dairy supports to 70 percent parity on October 1, 1984, unless CCC removals fall below 3.5 billion pounds of milk equivalent. In that case the Secretary must set support of 75 percent parity.

October 1985 will require another adjustment at 70 percent parity, unless CCC purchases are less than 2 69 billion pounds of milk equivalent The Secretary must then set supports at 75 percent of parity.

Following the committee's completion of the Farm Bill titles, the Bill will be sent back to the U.S House and Senate for ratification.

"The Bill may very well not pass the House and very possibly will be vetoed by the president,"Lyng reported.

Earlier this year, President Reagan signed legislation that eliminated the April 1 adjustment that would have provided support at 80 percent parity.

"We had hoped that would have slowed down the flow of milk — but it didn't," the Deputy Secretary said

"As a result," he continued, "we've accumulated butter and powder in unprecedented amounts."

Lyng explained the government is currently paying $1 million a day in interest on CCC purchases.

"We don't know what to do with it," said Lyng.

In addition to giving surplus products to schools and institutions, Lyng explained the government attempted to offer the surplus up for unrestricted trade below world market price. But not suprisingly, as in the New Zealand butter deal, the government drew complaints

Much of the butter sold to New Zealand, said Lyng, was 30 months old, lower in fat than most butter used overseas and salted.

"New Zealand is now having trouble getting rid of the butter and doesn't want anymore," Lyng noted

Although U.S dairy prices are supported at higher levels than world market prices, Lyng said the future holds great potential for U.S dairy exports.

In spite of Lyng's somber message, the Deputy Secretary expressed optimism regarding the Reagan economic policy.

"The thing is beginning to work," he said.

Lyng said he is encouraged by the slowly declining interest rates.

"Inflation is below double digit figures."

Lyng explained the federal budget doubled from 1975 to 1981.

"It will not grow at that rate. The budget is coming down a little," he said

For several dairy families attending Inter-State's Annual Meeting, the Deputy Secretary's message came as no suprise.

"He just drove home the reality of what we have to face," said Lancaster County dairyman John Barley.

"We've enjoyed too much government subsidy for too long And now it's time to bite the bullet," Barley added.

Adams County dairyman Tom Clowney said he would have rather heard more solutions from Lyng than problem causes.

"We're aware of the surplus and we've been following the situation closely,"Clowney said.

"But we have to keep producing to meet inflationary production costs," he added Clowney explained that to improve the situation, farmers should cull more heavily and concentrate on better crop production to reduce feed costs

Lyng's address highlighted the two-day Inter-State 64th Annual Meeting. The theme for the co-op's meeting was "A Commitment to Progress."

"Reflecting upon last year's events, Inter-State has turned challenges into marketing opportunities for you, the Inter-State member," said president Robert B. McSparran speaking before the more than 1,200 IMPCO members that attended

McSparran outlined several marketing challenges tackled by Inter-State in the past year He cited the expansion of service in the Federal Order No 2 market, a capital retention program and the sole ownership of Holly Milk

"Holly Milk Cooperative has demonstrated its ability to contibute to effective marketing," said Ivo V Otto, Jr past president of Holly's Board of Directors Otto received a plaque from Inter-State for his service over the past years.

"The greatest gift to me is that Holly can be an operation we can really be proud of," Otto commented.

Otto explained that sales at Holly exceeded $75 million in 1980 The plant processed more that 450 million pounds of milk for the fiscal year ending this past July.

Inter-State's general manager James E. Honan offered a picture of many market changes the co-op's 3,200 members will encounter in the future.

Honan noted the closing of Harbisons Dairies' bottling plant in Philadelphia, following the lead set by Breuninger's several years earlier

In additon, Atlantic Processing Inc. has obtained the Acme Market bottling contract previously held by Penn Dairies, said Honan. Inter-State, an API member, had supplied milk to Acme on a tolling basis.

"Inter-State is in a position to, if availability occurs, to provide milk to Order 2 buyers and/or other buyers in this region," explained Honan.

According to Honan, Inter-State can meet some goals by "going it alone " He cited Holly ownership as an example.

"This ownership provides Inter-State additional bargaining power We have a reasonable market share, and Holly will provide us with the opportunity to maintain it "

However, the general manager admitted that some goals require cooperation.

"We needed a market for Class I and Class II milk. API needed the volume to run the Allentown plant efficiently. Both parties benifit," noted Honan.

"A strong cooperative can follow the path to its own objectives and still work with other cooperatives," Honan concluded.

At press time, the Inter-State members are slated to hear keynote speaker Susan Fridy, legislative representative for National Milk Producers Federation.

Pennsylvania Secretary of Agriculture Penrose Hallowell receives a word of advice from a mechanical friend. Milky the Robot was on hand during Inter-State's Annual Meeting.

U.S. farmscape changes to fewer, larger farms

WASHINGTON, D C — If present trends continue, nearly one out of every three of today's farms may not be around by the turn of the century.

The prime culprit won't be urban sprawl. Most of the decline in the number of farms will come as larger units absorb smaller ones, resulting in an increasing concentration of farmland and farm production among the biggest operations.

Of course, these projections are by no means inevitable, as USDA economist George Coffman points out Farm policies, the economy, energy costs, technology, foreign market developments, and other, perhaps unanticipated, factors will all influence the future of U S agriculture

From 1935's peak of close to 7 million, U.S farm numbers have now dropped below 2½ million. If the steady decline continues, another half to three-quarter million units may disappear by the year 2000.

By then, the proportion of farms in the small, medium. and large classes will have changed substantially. Small farms (those with gross annual sales of less than $20,000) will no longer dominate the farm count as they do today The projections indicate that they'll have slipped from about two-thirds of all U S farms to only about half

Many will shift out of the small farm class only because of commodity price rises that boost their sales above $20,000 Others will expand But many small operations will be sold or rented to larger farms as their owners retire or move into other occupations

The squeeze may be even greater on medium-size farms ($20,000 to $99,999 in gross annual sales) About half of these farms may either expand into — or be absorbed by — large farms during the next 20 years If this happens, midsize units may account for only about 20 percent of total farm numbers, down from around 30 percent now.

"Many medium-size farms seem to be too large for part-time farming and too small for efficient full-time farming," Coffman says In the future, they may also fail to serve as a transition to large farms "Such farms often are unable to generate the revenue necessary for growth," according to Coffman

On the other hand, the number of large farms (gross annual sales of $100,000 or more) will grow sharply There may be about four times as many by the turn of the century, and they'll have climbed to about one out of every three farms from fewer than one out of ten today

Many will incorporate to take advantage of income and inheritance tax laws, but the vast majority of farms — large and small — will still be family enterprises

Concentration of Output

While much of the move to larger operations will reflect farmers' expansion decisions, price inflation will also play a role in pushing farms into larger sales classes Coffman's projections assume an average annual increase in farm prices of 7.5 percent — about equal to the average rate of the 1970's

Under these conditions, about a third of the buildup in larger farms will reflect nothing more than changes in farm prices A higher price inflation rate would shift more farms into the largest sales classes, while a lower rate would slow the trend

In either case, U S agricultural production will become increasingly concentrated among fewer and larger farms Recent figures show that the largest 1 percent of the farms produce about a fourth of the nation's food In 20 years they'll account for half of total U S output, while the smallest 50 percent of our farms will produce less than 1 percent of America's crops and livestock

By then, farms with annual sales of $100,000 or more will produce virtually all the food going into commercial marketing channels

The dimished role of small farms will partly reflect their size Small farms of the year 2000 will be very small according to projections that the largest million farms will operate almost all of the nation's farmland Three-fourths of the farmland will be in the hands of the top 200,000 operators

Total farm wealth will show a similar pattern of concentration Equity capital (farmers' ownership share of their total assets) was distributed evenly among farm sales classes in 1978 — the small, medium, and large classes each accounted for about a third of total U S. farm equity. In 20 years, however, two-thirds of the total wealth of the farm sector will be in farms with sales of $100,000 or more

Declining Opportunities

Partly for these reasons, it will become even more difficult for new farmers to get started. They may need about $2 million in assets for a farm to generate sales of more than $100,000, double the estimated requirements of 1978

Of course, capital requirements for small farms will be much lower, and a large percentage of operators are now at the age when they'll be retiring sometime in the next few decades

However, even when smaller, less expensive tracts of farmland are available for sale or rental, many aspiring young farmers will face intense competition from established farmers expanding their operations There may also be sales competition from nonfarm investors seeking to develop the land or rent it to a "proven" operator Those who do manage to enter farming on a small scale will be heavily dependent on off-farm income "Very few will succeed in making the transition to full-time farming," Coffman says Most small farms won't generate enough income to support a family, let alone enough for expansion

Also, as many of these units are bought up to expand existing farms, there will be fewer farms around for the future, particularly at the sizes a young person may be able to afford

In fact, for every three operators who leave farms with sales of less than $100,000, only one will begin The total number of new farmers under age 35, may shrink from about 377,000 just a few years ago to 233,000 by the end of the century.

Of course, the number of large farms will be expanding, but that won't open many doors for new entrants because the capital requirements will usually be far beyond their reach Opportunities will be confined mostly to those who inherit a farm, and — more often than in the past — they'll be inheriting not an entire farm but partnership or shares in a family farm corporation that's highly specialized.

Specialization dramatically altered the face of U S. agriculture in recent decades, and its effects will grow more pronounced in the future This is partly related to increasingly specialized machinery and equipment and partly to the efficiencies producers obtain by devoting their attention and energy to one product, Coffman says

Most large producers will be unwilling to forego the advantages of further specialization because pressures to expand will be greater than ever and opportunities more limited Thus, competition at the top will intensify as control of U S farmland is concentrated among fewer and fewer operations

New capital-intensive farming technologies will encourage both the trend to larger farms and the move to greater specialization. Larger farms will benefit more from labor-saving technology because they have more to gain

(Turn to Page A25)

How do top alfalfa producers get winning yields?

UNIVERSITY PARK — How do alfalfa producers grow top yields? The best indicators leading to high yields and profits can be found in production practices of the top 10 producers in the Pennsylvania Alfalfa Growers Program, points out John Baylor, Extension agronomist at Penn State.

Here is a brief summary of practices followed by these alfalfa growers during each of the three years, 1978-80 The winners will be announced next week during the

(Turn to Page A26)

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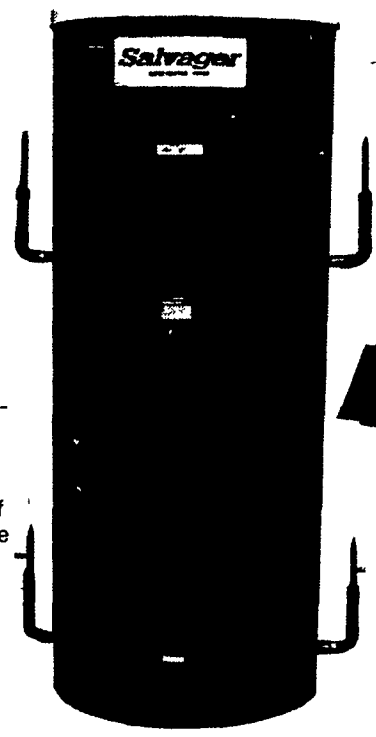

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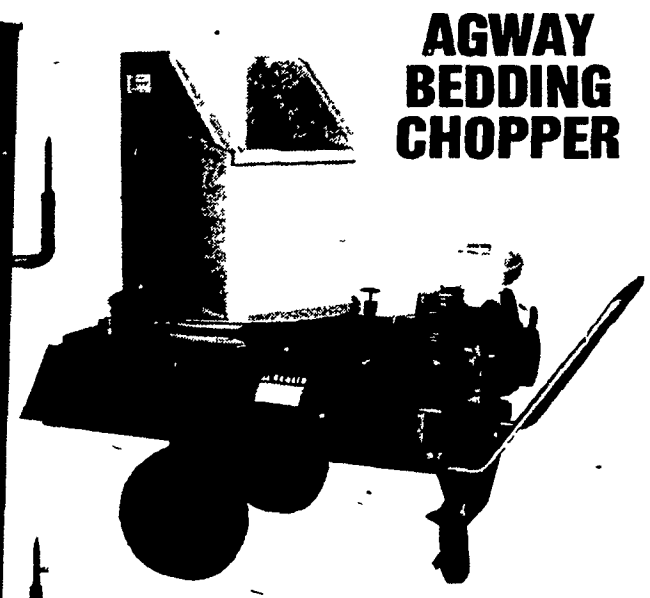

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U.S. farmscape

(Continued from Page A24)

and becuase of quicker adoption. Both specialization and technological progress will increase the competitive edge larger farms have over smaller ones.

All these factors will work to further isolate small farms from the mainstream of the food and fiber system. Most will be "hobby" farms in the sense that they'll be operated more to maintain a certain lifestyle or to reduce family food costs than to build into a viable business that will cover living expenses

They'll still constitute about half of U.S. farms. But their reduced numbers and dimished importance in the food production picture will wean rural economies even more from a dependence on agriculture

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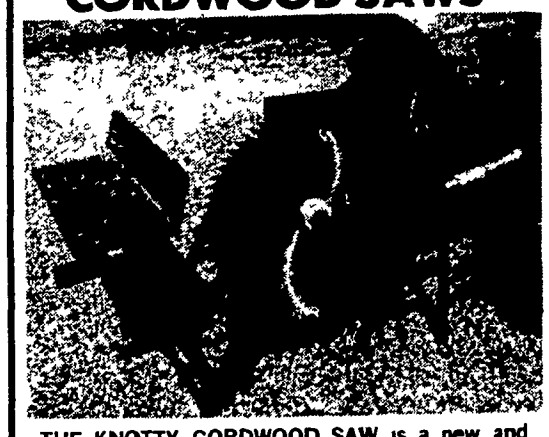

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Lebanon Farm-City

(Continued from Page A21)

When farmer Leroy Geesamn visited the Bethlehem Steel plant, he confessed he too had an eye-opening experience And, he said, it was the first time he has ever "showered before going to work "

Farmer Cyrus Bomberger welcomed Alcoa's Howard Boose to the agricultural world This was the first time Boose was on a farm since the time when farmers used horses to do all the work

"A farmer is a laborer, machinest, welder, manager," listed Boose "Name any job down at the plant and a farmer does it And his wife is the accountant and worker "

Boose related how he witnessed a calf being born, and how he was amazed at the scale of the operation "Farmers have advanced faster than industry," observed Boose "That's why they can feed so many people Farmers are businessmen in every sense of the word They do it all "

Bomberger, too, had good words to say about his visit to the Alcoa plant "When I went by the guard, I saw he had about a half dozen televisions to watch — it looked like a good place to work," he laughed

The Farm-City job exchange, said Bomberger, was "more than worthwhile" and gave him the chance to be an ambassador for the farm community

Dairyman Hershey Bare shared a day on the road with Ace Aluminum's owner Jim Meluskey And when the business's owner spent the day at the Bare farm, Meluskey confessed he "never had so much fun and had such an education "

His day on the farm started at 5 a m , and his schooling in how to milk cows began He said he learned how and why to wash udders, what to feed cows and heifers, and that the word 'freshening' equals 'birth ' Meluskey even had the chance to help chase a neighbor's bull that had gotten loose in the corn field, and toured several nearby farms

'I enjoyed seeing the differences between the farms," he shared ' Farmers are indirect competitors, and yet they're all friends I was impressed with the companionship — and the size of machinery used, the acreage, and feed costs You have a new fan in me — I even started reading the farm news page in the local paper."

And that's what Farm-City Week is all about, stated chairman Harry Bachman — sharing with the community what agriculture's all about "

Pa. Deputy Secretary of Agriculture Chet Heim helped convince these ladies and even some husbands, that the prices paid for these handspun, handwoven shawls were real bargains. Wearing the wraps created during Lebanon County's Sheep to Shawl Contest are proud owners, from left, Tressie Caton, Reading; Sandy Bachman, Annville; Sandy Plummer, Lebanon; and Pat Houser, Lebanon.

The Lebanon Plaza Mall was the scene for the second Lebanon County Sheep to Shawl contest last Friday evening. In not much more than an hour, the wool shorn from sheep was carded and combed, twisted and spun, and skillfully woven into gorgeous shawls by four area teams.

Alfalfa producers

(Continued from Page A25)

Forage and Seed Conference

The overall average estimated hay equivalent yield for the top 10 growers in each of the three years was 7.5 tons per acre, more than double the state average. Average estimated production of crude protein and total digestible nutrients for these growers was 2,634 pounds per acre and 7,534 pounds per acre, respectively

Over the three-year period, a total of nine different high-yielding varieties were used by the 30 growers, indicating the excellent germ plasm currently available These varieties also were consistently among the highest yielding in replicated research trials at various locations in the state.

All top growers planted alfalfa on well-drained soils, mainly of limestone origin. Lime and fertility program for establishment and maintenance were based on soil test and grower experience. Most producers applied dairy cow manure in the rotation before alfalfa.

Seventy-five percent of the top yields during the three year were made during the first full harvest year after the year of seeding and were from stands seeded in the spring without a companion crop. For the majority of the fields, a herbicide was used to control weeds at establishment.

Over the three-year period, all top 30 growers made at least four cuttings per year and three harvested their crop five times. In an area where three cuttings per year is common, this move to more frequent harvest by top producers indicates the potential of more intensive management for high yields of high quality forage

In 1978 three of the top 10 growers stored all of their cuttings as silage with eight storing one or more cuttings in this form. For the other two years, all 20 top producers stored at least one cutting as silage with 11 storing all cuttings in the silo.

The average cutting interval used by the top 10 growers in 1978 would be considered nearly ideal for Pennsylvania growing conditions — 36, 39 and 45 days between cuts 1 and 2, 2 and 3, and 3 and 4, respectively. The cutting intervals in 1979 and 1980 were similar — approximately 38, 36 and 43 days, respectively, between cuts 1 and 2, 2 and 3, and 3 and 4, suggesting the less favorable harvesting conditions for alfalfa during those years as compared to 1978.

In Pennsylvania, controlling insects attacking alfalfa, especially potato leathopper, is essential to produce yields of high quality forage In 1978 and 1980 all top growers sprayed their alfalfa crop at least once with an approved insecticide Seven growers in 1978 and six growers in 1980 sprayed two or more times.

In 1979 the frequency of spraying to control insects was less, with three growers reporting almost no insect damage for the entire growing season.

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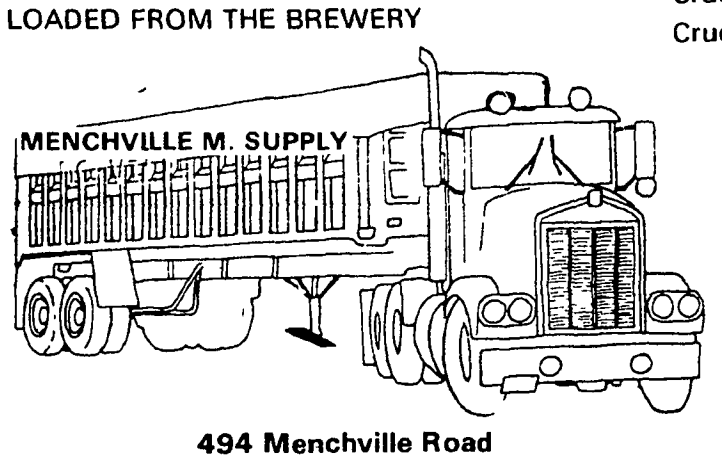

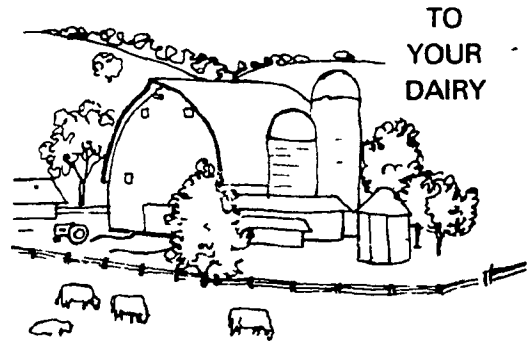

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OUR READERS WRITE,
AND OTHER OPINIONS

(Continued from Page A12)

over one-third of U.S. production. This under-priced grain goes to such wealthy trade competitors as Japan and OPEC countries, and even the Soviet Union.

"It is fitting that this is a Thanksgiving petition. Let's be more responsible and respectful of God's gifts. Present policies are destroying both family farm agriculture and our irreplaceable topsoil. We are not mindless of the world's hungry. U.S. grain sold to poor countries at low prices discourages their agriculture.

"A proposal by Congressman Weaver, of Oregon, would have authorized setting a floor price on grain exports. It was defeated in the House of Representatives on October 20, after opposition from the Department of Agriculture and multi-national grain traders. We urgently petition the administration and the Congress to reconsider the facts of our agricultural and export policies that make the Weaver proposal so important.

Don Deichman
Washington, D.C. Liaison
American Agriculture
Movement of Missouri
Laddonia, MO

(Continued from Page A1)

Thornburgh attacked an atmosphere of predatory crime "that puts fear into the law-abiding citizen and not the criminal."

"Criminals must know that they will pay for their acts," the governor said, "and that they will not be able to return to the streets to repeat those acts."

Century Farms

In arriving at the banquet, Governor Thornburgh was greeted by several picketing protestors opposing the restart of Three-Mile-Island.

In remarks prior to the Governor, Secretary Hallowell paid tribute to the achievements of Lancaster County agriculture.

"But not everything is bright though," he warned, "we must work to make things ever brighter in the future."

He cited such ag clouds as the closing of places like Penn Packing, Cross Bros., a Sealtest milk plant and a mushroom operation.

As a dairyman, Hallowell injected an indirect plug for the stalled State Milk Promotional Program.

"If we produce something, we must work to sell it and sell it at a profit," he said.

Also participating in the program were Darvin Boyd, Chairman of the Agriculture Committee; and Dan Dilley, Master of Ceremonies.

Max Smith expresses amazement of precise moment it's announced he's surprise honoree; while his wife, Ruth, shows pride.

Who's tops in ag lending?

An article written by Dick Anglestein appeared in your October 24, 1981 edition, which was of great interest to us.

The article was entitled, "American Bank Now Top Ag Lender". The headline is not only misleading but it is not accurate. We are sure Mr. Anglestein intended to refer to the American Bank as the top agricultural lender among commercial banks. To assume that such a conclusion can be reached by your readers based on the contents of the article could possibly be assuming too much.

The Farm Credit Service is the largest agricultural lender in Pennsylvania. There are nine Farm Credit Associations in Pennsylvania with outstanding agricultural loans as of June 30, 1981 in excess of $825 million dollars. As you can see, this far exceeds American Bank's total agricultural loans of $80 million dollars. In fact, six of the nine Pennsylvania Associations individually have agricultural loans outstanding in excess of $80 million dollars.

We congratulate American Bank for their progress, however, we feel that it is important to Farm Credit employees, member borrowers and the farm community as a whole, to set the record straight.

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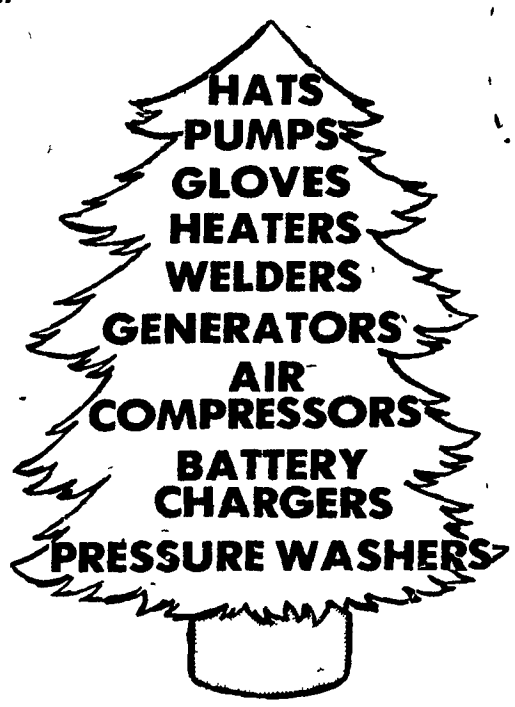

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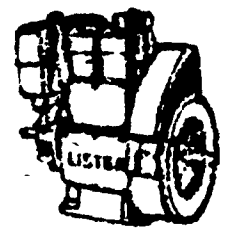

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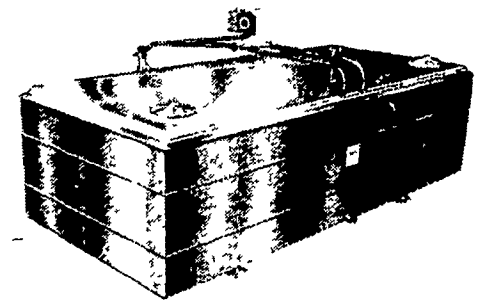

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Century Farm families mix history

Progress is a way of life on 160-year-old Frey dairy farm

BY DONNA TOMMELLEO

CONESTOGA — Jacob Frey acquired the 180-acre farm in 1820 but the family still has deeds that date back to William Penn's son Charles Today, five generations later, the small general farm has expanded and expanded and expanded.

In fact, if Jacob Frey was still alive, he'd be hard pressed to recognize the old homestead, which is home for Turkey Hill dairy products, complete with processing plant

Today the Frey Dairy Farm, Inc includes more than 950 acres Eleven upright silos stand like sentinels to hail farm visitors. And where once a few cows and hogs were housed, the Frey Farm now maintains more than 600 head of milking Holstein and 500 head of young stock

The original barn has long since departed and a second barn built in 1827 was recently torn down to make way for free stalls The only structure Jacob Frey might recognize is the farmhouse, itself

But even that's changed The orginal log house sports a new bricked front and a brand new location In 1970, aided by a bulldozer, a winch and dolly wheels, the Frey homestead was moved a few hundred yards to make way for more processing room for the milk plant

"We even got some of the crooked floors straightened out," said Frey Dairy Farm president Jay Frey, Jacob Frey's great-great-grandson

A second house, attached to the original farmhouse was also moved a short distance in 1883 However, this move occured too early to take advantage of modern technology and horses and logs were enlisted for the process.

And subsequent innovative changes have helped shape the present Frey Farm.

Up until the depression, the farm continued to be a non-specific operation. However, Jay Frey's father Armor bought five milk cows in 1931, loaded 40 quarts of

(Turn to Page A34)

This three-story house was attached to the original farmhouse but in 1883 it was hoisted from its foundation and moved several yards via logs and a team of horses.

Jay Frey, the fifth generation Frey on the Conestoga farm, escorts his mother Mary into the 160-year-old farm house. The brick front covers the original log structure but the wooden door has remained since the early 1800s.

Hershey farm — a proud past steps into future

BY DICK ANGLESTEIN

MOUNT JOY — Surrounded by history, the Century Farm of the John H. Hershey family is stepping into the future with the same pride and foresight that has marked its past.

Located along Airport Road, southwest of Mount Joy, the 77-acre farm is now in its fifth generation of Hershey operation with John and his wife, Mabel.

And already, a representative of the sixth generation, son Brent, 20, is becoming involved in the operation of the combined beef and poultry agricultural enterprise

In the involvement of the sixth generation lies one of the positive steps toward the future of the farm that has been in the family since 1861

"We're about to start grinding and mixing our own poultry feed," John Hershey explains

"We grow quite a bit of corn and we'll buy the concentrates and a formulation service

"This is the only way farming can go in the future to survive Farmers must be able to directly control as many phases of their operation as they can, especially the costs "

John and his brother, Harry, are partners in a 110,000 layer operation Brent and Harry's son will be handling the grinding and mixing of the feed in the facilities erected on John's farm

But the on-farm grinding and mixing of the feed is only one example of how the Hershey family has looked to the future

Back in 1968, John's late father, Harry, was concerned about saving the land for future generations long before farmland preservation became fashionable

"The adjacent airport (the Marietta-Elizabethtown facility) needed some extra ground to lengthen the runway in order to reopen," John explains

"But my father had it written into the agreement of sale for two and one-half acres that if the land was ever used for anything but an airport, the owners of the farm had first chance to buy back the land."

This unique combination of an historic past moving into a modern future is most evident in the stately stone farmhouse, which dates to the 1700's. The interior is comfortably and tastefully refurbished, but the renovations have been done to retain as much as possible of the original authentic decor

"We've kept such things as the ornate woodwork, deep windowsills, and corner cupboard intact," Mrs. Hershey said

"Along with original fireplaces, we even still have two humble doorways "

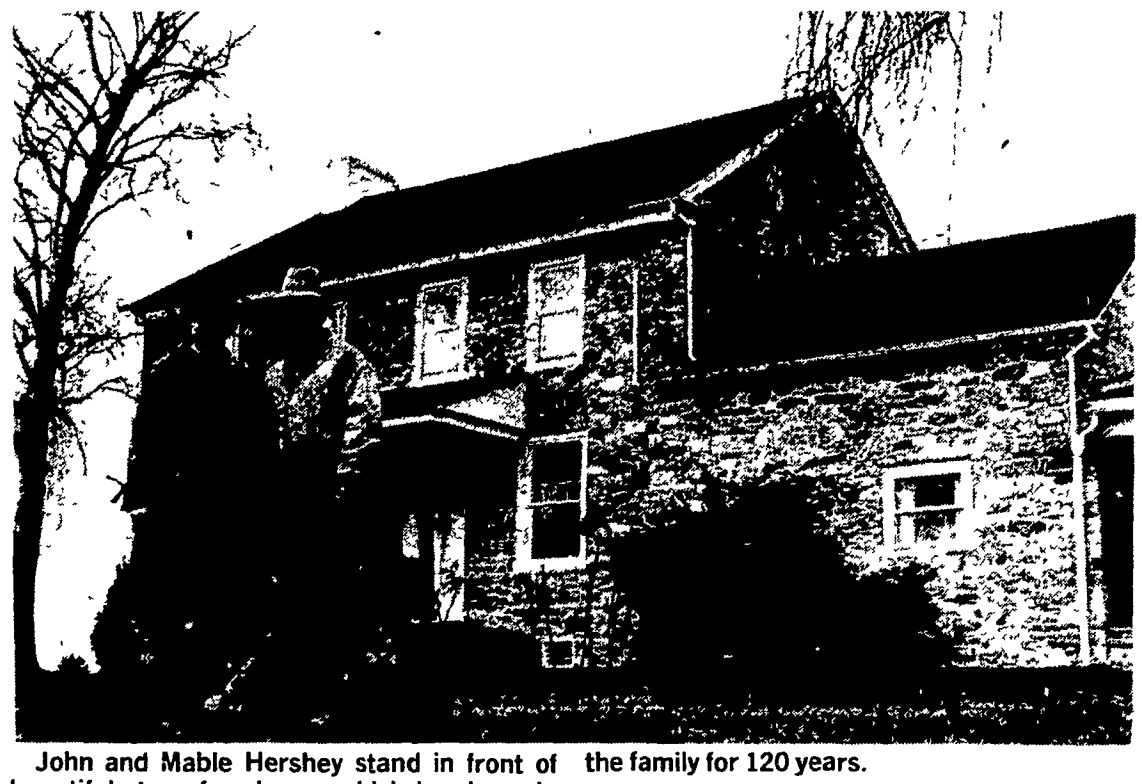
Humble doorways are those original low passageways in which persons must stoop to walk through

Other historical features include such things as a small window next to the door facing the barn Supposedly, the window was designed small so that the owners originally could look out to watch the farm workers, but they couldn't look back in as easily

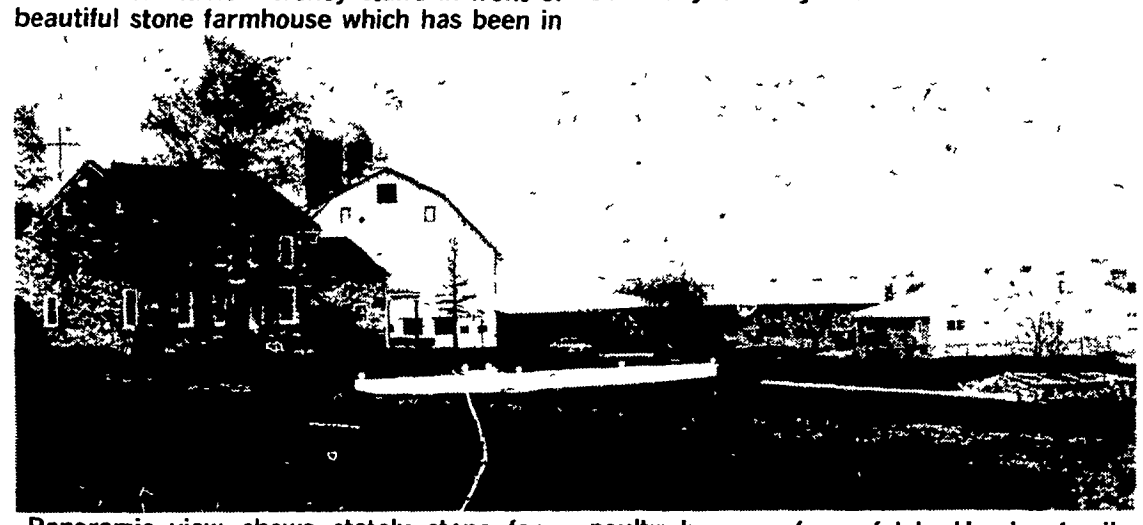
The original sheepskin deed dated 1736 shows the land was parceled out of the grant to the Penn brothers John's great, great grandfather, Isaac, acquired it in 1861 out of the Abram Engle tract

And there are uniquely family traditions associated with the farmhouse One of the upper rooms had been used by ancestors when children were born for their dedication to The Lord Occasionally, the Hersheys get visits

(Turn to Page A33)



John and Mable Hershey stand in front of beautiful stone farmhouse which has been in the family for 120 years.



Panoramic view shows stately stone farmhouse, barn and beef feedlot area and poultry house on farm of John Hershey family, southwest of Mount Joy.

with a lot of hard work & progress

Nestleroth farm — remodeling the past for coming generations

BY SALLY BAIR
Staff Correspondent

PENRYN — Mark and Hazel Nestleroth represent the fifth generation of their family to farm at their Dutch Valley Farm at Penryn.

Hazel expressed pride in their Century Farm recognition, saying, "We are proud because the farm has been in agriculture for so long."

Indeed the farm has been cared for by family members for 129 years since it was purchased in 1852 from Frederick and Catharine Keller by Mark's great-great grandfather Cyrus Bomberger.

On the original deed, which is still in the family, it states the sum paid as a total of $7,400, with $6,400 of that paid in cash and the remaining $1,000 to be paid when the owner died "or sooner if thereunto required."

Mark and Hazel have owned the farm since 1966 and now have 80 ewes from which they market lambs and 255 sows. They market about 5,000 pigs annually. John Chapman is a partner in the operation with Mark.

There is no verification on the age of the house, but as they remodel it they become convinced that the house dates at least from the time of the deed, and probably earlier.

There is a log portion, a stone portion and a frame portion. The only date found so far is one scratched on a window in the frame part which is 1872. That is the newest section of the home.

There's no question that the stone and log portions are early, because as Hazel puts it, "It's so crooked and old. Although it is built very firmly, nothing is level."

She adds, "The ceilings are low, which is unusual. It is not an elegant farm house." Elegant it may not be, but it is interesting, warm and inviting In remodeling, the Nestleroth's have exposed one inside log wall in their living room The logs are square and measure about 18 inches. "They are enor-

(Turn to Page A34)

Mark and Hazel Nestleroth look over original deed dating from 1852 for their Century Farm in Penn Township.

Spinning wheel and rocker are appropriate accessories for exposed log wall in Nestleroth home.

Spahr farm — disaster doesn't mar rich history

BY DICK ANGLESTEIN

LITITZ — "It was a hot, muggy summer night in July of 1939.

"A severe thunderstorm came up about 3 a.m. and my father got me out of bed.

"I got to the landing at the top of the stairs and looked out a window toward the barn.

"The lightning must have struck just moments before because the whole top of the barn just seemed to explode. What a roar it made.

"We ran and got the animals out in time, but the barn filled with wheat and hay, all of the equipment, tobacco shed and small chicken house were lost

'It's something you don't ever forget.'

These were the recollections this week of a then 12-year-old farm boy whose family was among those honored on Wednesday in the annual Lancaster Century Farms program.

Now, that 12-year-old youth, J. Robert Spahr, and his wife, R. Naomi, continue to work the farm along Greenacre Road, southwest of Lititz, in partnership with son, Jim, who is the seventh generation on the family farm that dates back to 1855.

While the home dairy farm numbers some 70 acres, the Spahrs actually crop more than 200. They rent the nearby Chester Sensenich farm, on which they also feed cattle, and work part of one of the Warwick Farms on shares on the opposite side of Lititz.

And as the Spahrs looked back on the more than a century and a quarter of their family on the farm, they recalled other interesting tidbits out of familial lore.

From the wall, Mrs. Spahr takes down a framed advertisement for a public sale and an elaborate conditions of sale that resulted from the auction.

"This dates back to 1866, the first time the farm changed hands within the family," she explained.

"The farm was split at that time for two sons. The printer's notation cites John Baer and Sons, who also had the agricultural almanac."

Jim Spahr returns to the barn, which his father saw burn to the ground back in 1939.

"In checking back we found that the barn had just been built in 1918, about the time my grandfather became involved in the farm."

In all, the Spahrs crop some 130 acres of corn, 40 acres of hay, 20 of wheat and some 10 in tobacco.

Their herd of grade Holsteins totals about 35 milkers, with an approximate equal number of younger replacement stock.

The herd is gradually being expanded as the free-stall barn built in 1978 will hold 52 cows. At the same time, the Spahrs put up a 20 X 60 silo, which was moved from the nearby Sensenich farm they rent.

About two years ago, the elder Spahrs moved to a ranch home

(Turn to Page A33)

Overall view shows Spahr farm along Green Acre Road, southwest of Lititz

Spahr family members, from left, Robert, Naomi and their son, Jim, take look at two-week-old calf with feline-visitor.

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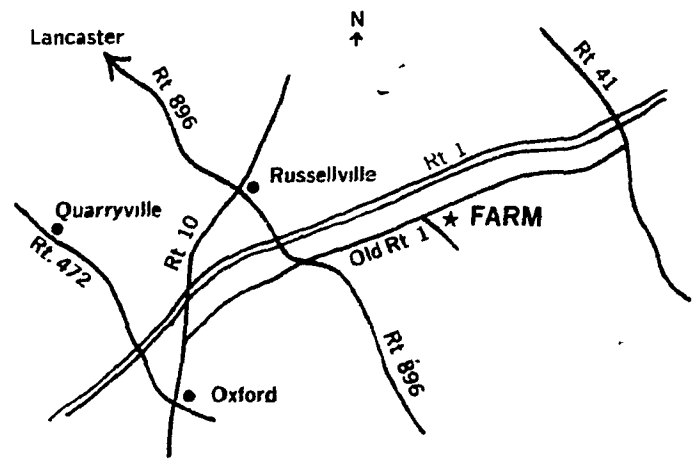

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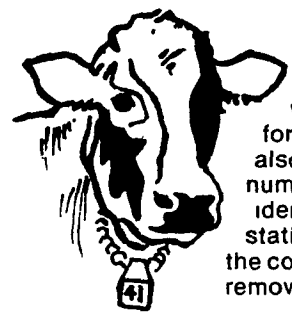
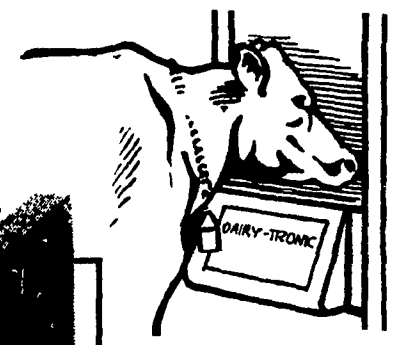
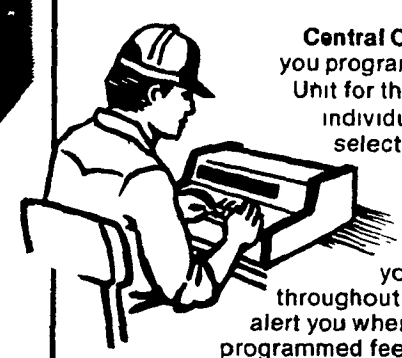


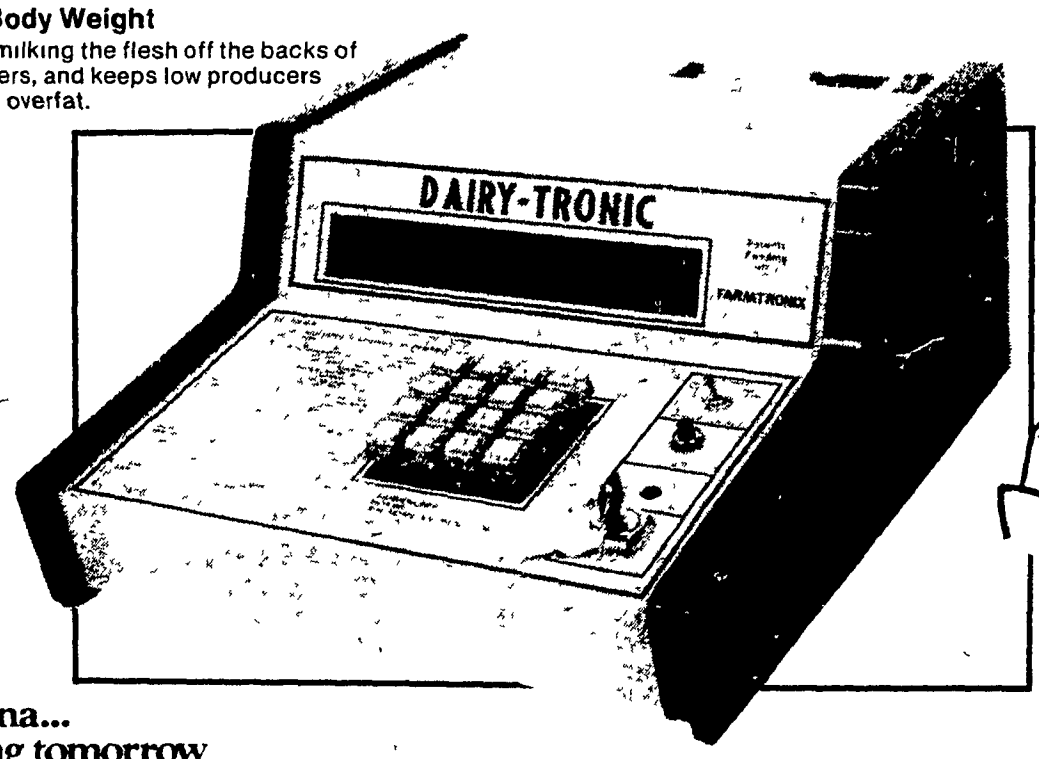
Cow Identification Tag — each cow wears a special tag with her number engraved on it for visual identification The tag also carries the cow's coded number which is read by the cow identifier at each feeding station. Once the tag is placed on the cow, it never has to be removed or changed



Cow Identifier— when a cow puts her head in a feeder, her identification code is read by the Cow Identifier mounted on the front panel of each feed station A signal is transmitted back to the Central Control Unit, and the feeder automatically dispenses the correct ration and amount of feed for that particular cow. Feed is dispensed at a controlled rate which matches a cow's normal rate of consumption. If she moves away or is pushed aside feed delivery stops



Central Control Unit— you program the Central Control Unit for the exact amount of grain each individual cow should receive, and select any combination of up to four different feed rations that any cow can obtain You can also instruct the unit how you want the feed to be dispensed throughout the day The daily printout will alert you when any cow eats less than its programmed feed level The Central Control Unit may be installed in your house for convenient access



Purina... planning tomorrow with research today

Corn hybrids respond differently to planter fertilizer

NEWARK, Del. — Many farmers are ordering next year's hybrid corn seed now. In making their selections, University of Delaware Extension agronomist William H. Mitchell suggests they consider the results of the latest corn trials at the University's Newark and Georgetown farms. In 1981, emphasis was placed on the response of hybrids to planter fertilizer. Some of the results were quite promising.

"Response to starter fertilizer, 10-34-0, was especially striking early in the season and most noticeable at Newark," he reports. This was unexpected since planting was delayed until mid-May, at which time soil temperatures were relatively high. "Soil tests showed very high phosphorus levels at both locations, which again made the response to planter fertilizer surprising, Mitchell says.

Starter fertilizer increased the grain yield of 100-day corn hybrids of 11.5 bushels at Georgetown in corn planted May 14, the only variable being 10 gallons per acre of 10-34-0 placed on the soil surface about one inch from the corn row at planting. Treated corn averaged 117.2 bushels compared to 105.7 bushels for the untreated control.

Though short-season hybrids were most responsive to planter fertilizer, significant yield increases were found with all maturity groups. However, some hybrids appear to benefit more than others from use of planter fertilizer, says the agronomist.

"The evidence is not strong enough to justify fertilizer recommendations tailored to a given hybrid," he says. "But there is a strong suggestion that in our tests for 1981, planter fertilizer was a money maker with some hybrids and not for others." The following comparisons illustrate this point:

	Planter Fert. bu/A	No Fert. bu/A	Diff. bu/A
DeKalb EX72/1	149.3	100.3	49.0
Cargill 969	156.4	122.6	33.8
So. States 737	144.5	118.8	25.7
Pioneer 3382	128.3	125.5	2.8
Jaques JX187A	123.9	125.7	-1.8

In a few cases, Mitchell says, there appeared to be a yield reduction associated with planter fertilizer. Since fertilizer advanced the silking date, it's possible that this may have caused pollination of certain hybrids to coincide with stress conditions. In other cases, advancing the silking date of corn may have allowed some hybrids to escape heat and moisture stresses during this critical period.

A total of 119 commercial hybrids were tested, representing three maturity groups—100-, 110- and 120-days. All were planted within the same two-day period, at both the Newark and Georgetown locations.

Expo canceled

(Continued from Page A1)

Swine Sale all three years of the Expo

Two open dates for such sales this coming spring include mid-March and late April. The latter date though would put any such events well into the spring planting season.

Representatives of both groups this week spoke of the possibility of holding sales at the same time, if mutually agreeable dates can be achieved.

Already, another past Expo livestock participant, the Pennsylvania Draft Horse and Mule Association, has scheduled a separate date.

The Association will hold its sale on February 17. No show is planned this year.

The Pennsylvania Tractor Pullers Association was another past participant. The Pullers are also considering competition in the spring for the more farm-type tractors, but no date has been set.

The cancellation of the Farm Equipment Expo came as no real surprise to many. The future of the event has been in doubt since its initial effort and last March's version drove the final nail in the coffin.

In 1979, the first Expo had 188 exhibitors. In its second year, exhibitor attendance slipped only a little to 177.

But this past March, the number of exhibitors fell drastically to 128 - down nearly one-third from the previous two events.

In addition to the closeness to Farm Show and the current state of the economy, the Equipment Expo was launched during a different administration.

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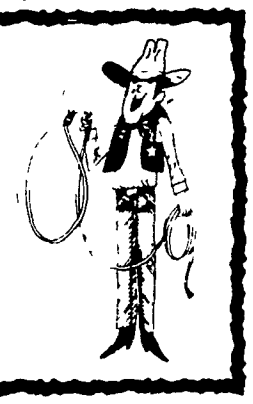

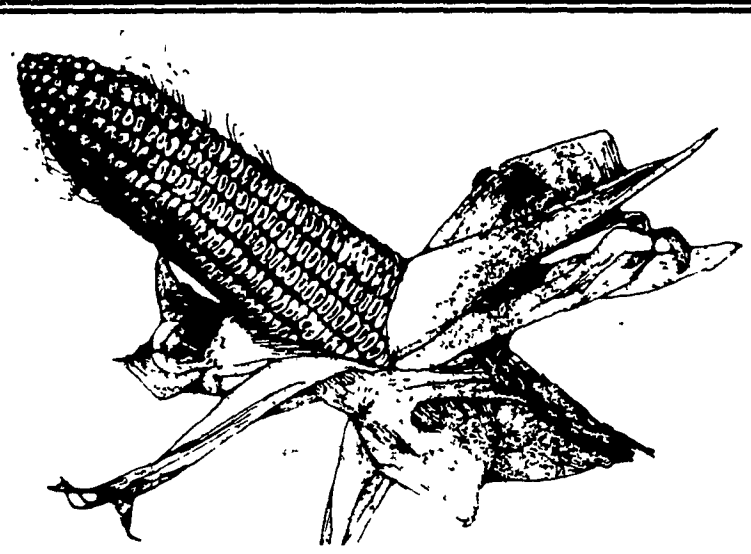

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Farming's Futures

By David K. Sauder
Commodity Advisor
Trade Tech, Lancaster

Here are a few questions received from L F readers this week

I am affiliated with a large crop operation in western Pennsylvania We customarily market our crops down in the eastern part of the state, but this year it appears limited

It is our desire to market our crops directly and we are seeking other markets for our crops since we have facilities to store and deliver. Do you have at your disposal a list of companies or markets available for agronomic crops in Ohio and along Lake Erie? Any information you can provide will be greatly appreciated. — **S. Jergensen, Kittanning, PA**

No, I'm sorry we have no such list, but maybe some of our readers can help. If so, we'll pass the word along to you.

I understand that in order to make the correct decision in a hedging situation, one must have a good handle on the "basis" — that is the historical difference between the local price and the Chicago price Is this basis available? Where? How? — **J. Ensor, New Windsor, MD.**

The basis can vary even between local markets in New Windsor and Lancaster. Fortunately, in the eastern states, the basis usually favors the farmer because of our close markets. Local feed mills and grain elevators usually have a very good fix on the basis and may be willing to help with that information for your area

What is basis?

Basis is the number of cents per bushel that, on any given day, the local cash price of a commodity is above or below the current price for a particular futures delivery month.

When you hear someone in the grain business discuss basis, however, he is generally talking about the difference between the local cash price and the nearest futures delivery month. For example, in January the current basis for corn would be the difference between the local cash price and the March futures price.

Example: If the local cash price on a particular day in January were $1.80 and the March futures price were $2.10, the March basis on that day would be "30 cents under."

On or soon after the first trading day of the delivery month, the basis calculation switches to the next delivery month For example, on or about the first of March, the basis for corn is computed as the amount by which the local cash price is below or above the May futures price On or about the first of May, the basis is the amount the local cash price is below or above the July futures price. And so on.

What are the components of the basis?

The first component is the amount by which the local cash price is below the cash price in Chicago. This difference is due essentially to transportation cost.

A second component is the amount by which the Chicago price is currently below the nearby futures price. This difference is due to a number of factors. storage costs (including interest and insurance), handling costs (the expense of loading and unloading) and sellers' profit margins

In the short run, do local cash prices and futures prices usually move up and down together?

Usually but not always Major supply-demand developments that affect futures prices generally have a similar impact on local cash prices. Such as news that some part of the nation is in or out of the market for American grain. Or that the worldwide supply is up or down Or that livestock numbers are larger or smaller than expected.

On the other hand, a change in the demand for corn or wheat or soybeans in Chicago doesn't necessarily mean there will be a corresponding change—or any change at all, for that matter—in the demand for corn or wheat or soybeans in the community of Localville

It is even possible for future prices and the cash price in a particular community to move in opposition directions. Such could be the case, for example, if the overall demand for corn at Gulf ports were especially strong. Or if local processors or feedlots were in urgent need of corn. A community with a favorable location in relation to the area of demand could thus enjoy an increase in price, declining futures prices notwithstanding.

Even so, the fact remains that futures prices provide the best available barometer of changes in world supply and demand. As a result, short-term changes in cash and futures prices—up as well as down—tend to occur in concert. Certainly not penny for penny and certainly not always, but usually As will be seen, it is the relative predictability of the relationship between cash and futures prices that makes hedging possible.

Send questions on futures trading to Farming's Futures, Lancaster Farming Newspaper, Box 366, Lititz, PA 17543.

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Spahr

(Continued from Page A29)

along the Little Pike in Neffsville. But they travel just about daily to the farm to help work it.

The seventh generation Jim, and his wife, Judy, and their sons, Jeremy, five, and Chris, two, now live in the family homestead.

Hershey

(Continued from Page A28)

from members of a branch of the family that moved West who want to see this special room.

The John Hershey family also includes two daughters, Brenda, in college; and Beth Ann, in seventh grade.

In addition to the house, there are many other evidences of history on the farm

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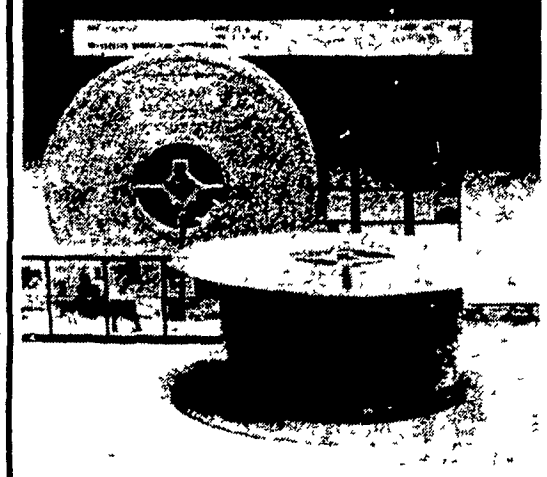

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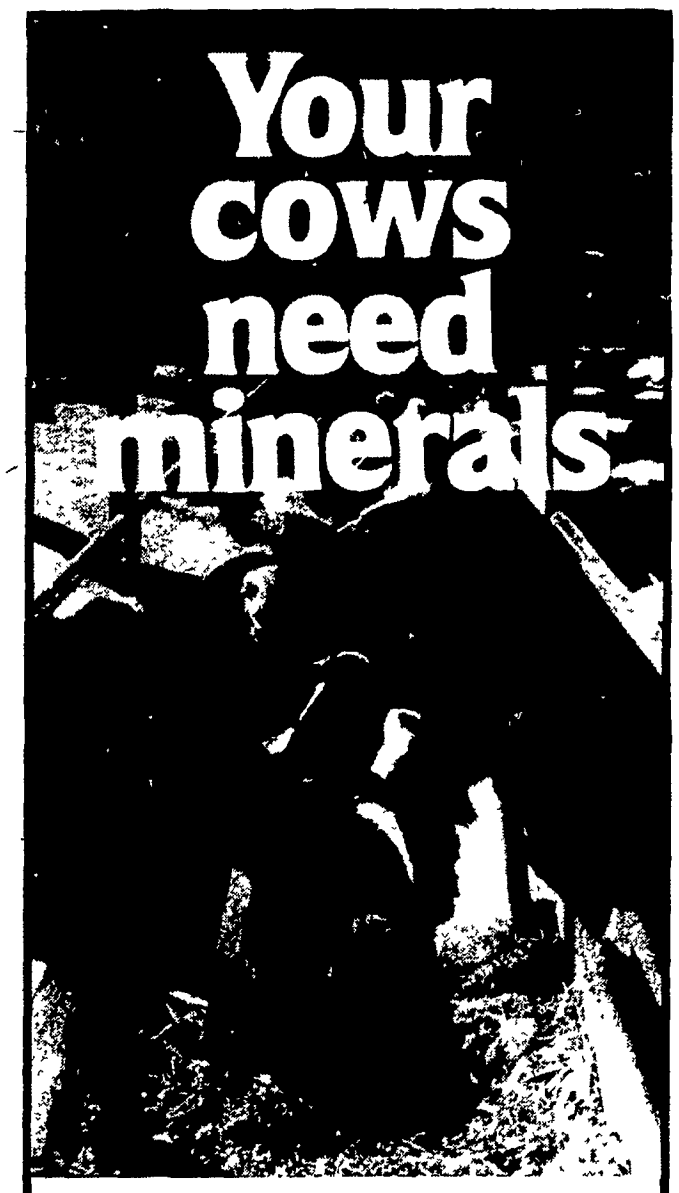

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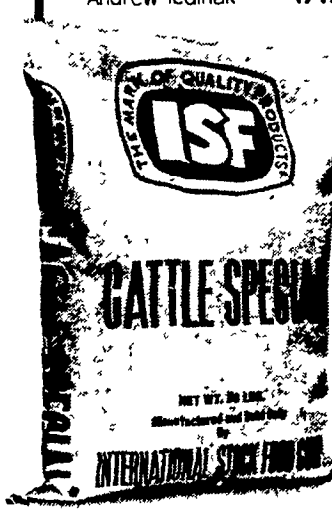

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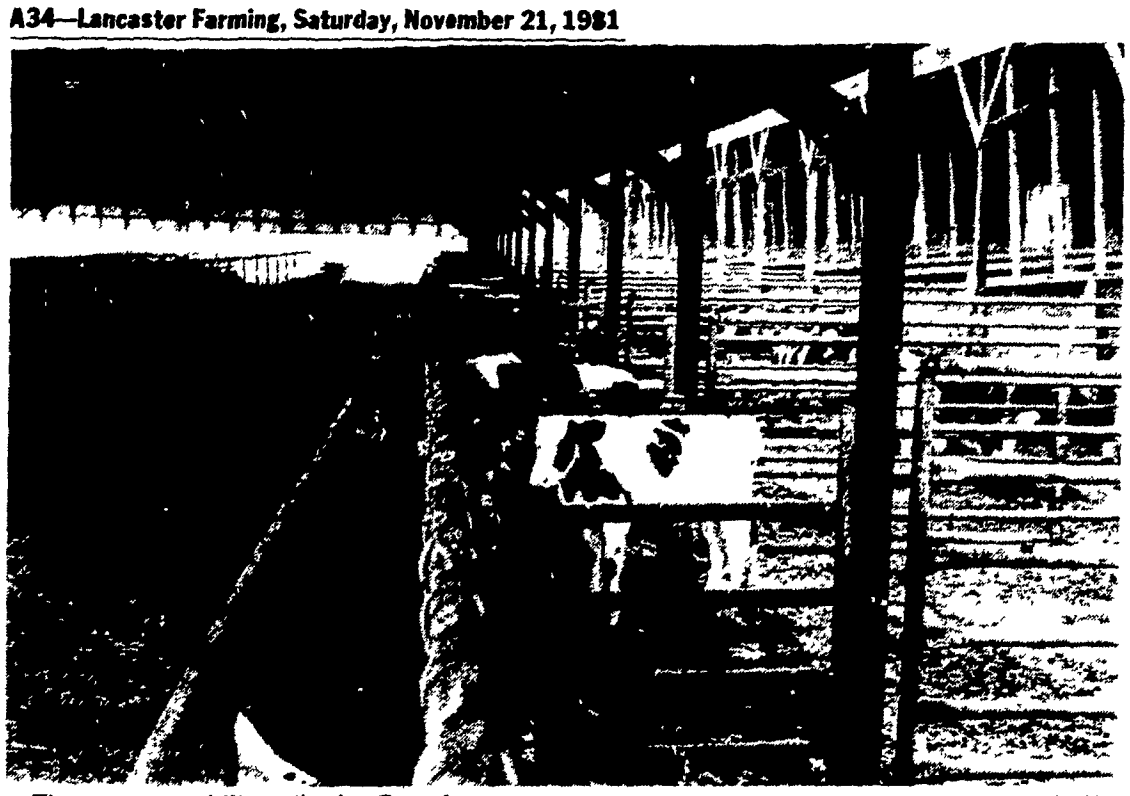

The newest addition to the Frey farm was the completion of this open-sided free-stall which houses dry cows on the left and heifers on the right.

Frey

(Continued from Page A28)

milk into his touring car and began delivering milk door to door. Frey's retail business grew over the years as well as his six childrens' interest in the operation

The Frey family hand milked until 1940 and in 1946 expanded from 45 to 80 cows. The expansion was accompanied by a tree stall barn and a six-stall side-opening milking parlor.

In 1948, Armor Frey sold his retail business to his sons Glenn, Emerson and Charles And almost 20 years later, Charles and Emerson formed the convenience store chain — Turkey Hill Minit Marts.

Armor Frey passed away in 1969 but the farm continued to change and grow.

In addition to dairy processing, the farm now includes a soup manufacturing plant which operates under the D & B label.

In the past when only family help was used, the Frey farm now employs 15 people or "excellent help," according to Jay Frey. But the large commercial dairy farm is still soley owned by Freys. Jay explained that all his brothers and sisters are corporation members and his mother Mary was a past member.

Jay explained the farm should not see any further physical expansion. However, the youngest son of Armor and Mary Frey admitted that he will be concentrating on increasing the herd's 18,000 pounds of milk herd average

The large herd is fed a total mixed ration of ground ear corn, haylage, ryelage (when available), corn silage and brewers grain along with a concentrate. Frey feeds in four production groups with cutoffs of: 70 pounds of milk daily; 55 pounds of milk; 45 pounds of milk; and the dry cows.

The original milking parlor was replaced with a double-18 that includes automatic take-offs. And the large volume of manure created by the herd is moved by a gravity-flow system, stored in an underground pit beneath the barn.

For now, the only testimony of the farm's age is in the few yellowed deeds and the original front door to the farmhouse. And the Freys have proven in their quest for growth, that a farm's value cannot only be measured by what remains in the past but what lies ahead in the future

Jay Frey described his family's constant drive as "an inability to turn down an opportunity for progress."

And it seems that the Freys seized opportunity everytime it knocked on the 160-year-old door.

Nestleroth

(Continued from Page A29)

mous logs," Hazel said "We wonder how they put them in place"

Some lovely, solid wainscoating on an outside kitchen wall was saved and moved to an inside wall when the kitchen was changed.

A current project involves remodeling the stone portion of the house which is basically one large room with an enormous fireplace featuring a bake oven at the rear. The fireplace has been rebricked and the next step is refinishing the hinged wooden doors.

The basement of the house features an arch cellar which was used as a refrigerator by earlier generations of Nestleroths

A stone on the barn bears the date 1901, and the name Sam and Agnes Bomberger, Mark's great grandfather and great grandmother This family moved off the farm for a period because of back problems and for 32 years the farm was rented while the Bombergers lived on a small ten-acre property near Elm.

Mark's grandmother Callie Nestleroth was born in what is now the living room and lived in the home for nine years before the family moved. As an only child, she inherited the farm and Mark's father Carl returned to farm the land as soon as he was old enough.

Several small outbuildings have been taken down, but Hazel noted that they have tried to remodel old buildings and continue to use them in their current operation. Hogs, for instance, now occupy the bottom portion of the barn.

An antique rocking chair and spinning wheel add a special flavor as they are grouped by the log wall. The chair belonged to Mark's mother as a child and Mark's grandmother remembers playing with the spinning wheel in the attic as a child. Other antique pieces have been handed down; some simply left in the attic to be uncovered by Mark and Hazel.

The Nestleroth's have three children. Stacy, 11, Beth, 8; and Carolyn, 6.

The Nestleroth's are proud of their heritage and plan to take care of the land for succeeding generations.

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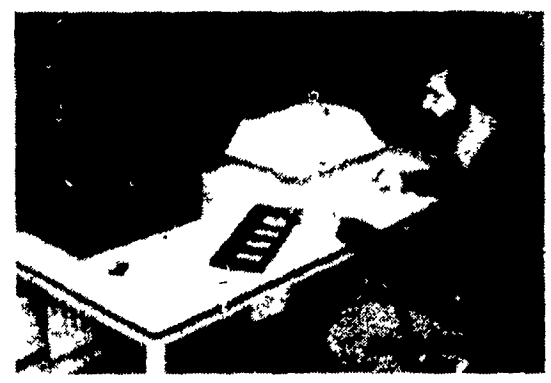

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Corn grower officials travel to Moscow

WASHINGTON, D.C. — Representatives of the National Corn Growers Association travelled to Moscow, USSR, this week to discuss a variety of issues with Soviet agricultural trade officials.

William R. Mullins, a corn farmer from Shabbona, Illinois, and the current president of the NCGA, and Michael L. Hall, Washington Representative for the NCGA will meet with officials from the Ministry of Procurement, Exportkhleb, Ministry of Agriculture, and the State Bank for Foreign Trade while in Moscow.

Prior to departing for Moscow, the NCGA officials met with Secretary of Agriculture John R. Block and officials from the U.S. Trade Representatives office, including Deputy Ambassador David Macdonald. During these meetings, the NCGA representatives discussed the issues they hoped to cover in the series of meetings in the USSR, and reviewed U.S. trade policy pertaining to long-term US-USSR agricultural trade.

"The trip is similar in nature to the visit we held with Soviet officials in September 1980, and is arranged to allow for a further exchange of views on the many issues affecting US-USSR agricultural trade," Mullins commented.

The upcoming negotiations for a new long-term grain agreement between the U.S. and USSR, which are reportedly scheduled for early 1982, and the issues affecting long-term agricultural trade between the two countries are expected to dominate the discussions in Moscow. In addition, the NCGA officials anticipate some time will be devoted to an exchange of views on the prospects for world grain production and trade in the 1981/82 season.

"It is imperative that we maintain lines of communication with Soviet grain procurement officials, and to express our desire that trade relations between the two countries resume a more normal posture," Mullins stated. "If we are to ever re-gain the lost market opportunity resulting from the January 1980 grain embargo, we must exhibit to Soviet officials that we are committed to a resumption of normal trade and that we can once again be considered a reliable trading partner.'

"We are hopeful this trip to the Soviet Union will reinforce the commitment of American corn farmers to maximize trade with the USSR, especially at a time when so little progress can be identified," Mullins concluded

The National Corn Growers Association is made up of corn producers from 16 states, with the purpose of promoting the general welfare of U.S. corn farmers by maintaining and developing domestic corn production and price and income support programs consistent with a market-oriented grain economy. The activities of the organization are conducted through two offices, located in Des Moines, Iowa, and in Washington, D.C. State members of the National Corn Growers Association include Colorado, Illinois, Indiana, Iowa, Kansas, Maryland, Michigan, Minnesota, Missouri, Nebraska, New York, North Carolina, Ohio, Pennsylvania, Virginia and Wisconsin.

Pa. woodcock breeding grounds decrease

UNIVERSITY PARK — Last year, more Pennsylvanians hunted woodcock than in 1979, but according to government figures, fewer hunters met with success. Penn State wildlife biologists believe the decrease is due to declining habitat needed for woodcock breeding.

The decrease in woodcock breeding grounds occurs with the loss of young and shrubby growth typical of the early stages of forest development, according to wildlife scientists at Penn State. James S. Wakeley and Gerald L. Storm report that young forests, dominated by shrubs, are ideal breeding grounds for woodcock.

According to Wakeley, increased urbanization is taking some land.

"Between 1965 and 1977, government sources showed land used for urban expansion in Pennsylvania increased 50 percent while forest and pasture land decreased by 6 percent," Wakeley stated.

He commented that the urban land-use figure includes land being used, or intended for use, in highway construction. He said land developers should be dissuaded from using locations where forests meet open fields in areas such as valley bottoms.

According to Storm, since 1970 the number of woodcock hunters participating in the hunting season has increased. He said that from 1970 to 1975, there were less than 150,000 hunters going after the cagey bird. Last year, there were more than 225,000 woodcock hunters in the state.

There are more hunters going after woodcock, but they are bagging less birds than before, he said.

Figures amassed by State Game Commission Field Researcher Bill Shope indicate that the number of woodcock harvested last year was down approximately 10 percent from 1979.

Whether the actual woodcock population is dropping remains to be seen. Nonetheless, a national spring breeding census done last year suggests there's a decline in the woodcock population, Storm commented.

Pennsylvania's woodcock season runs through December 19.

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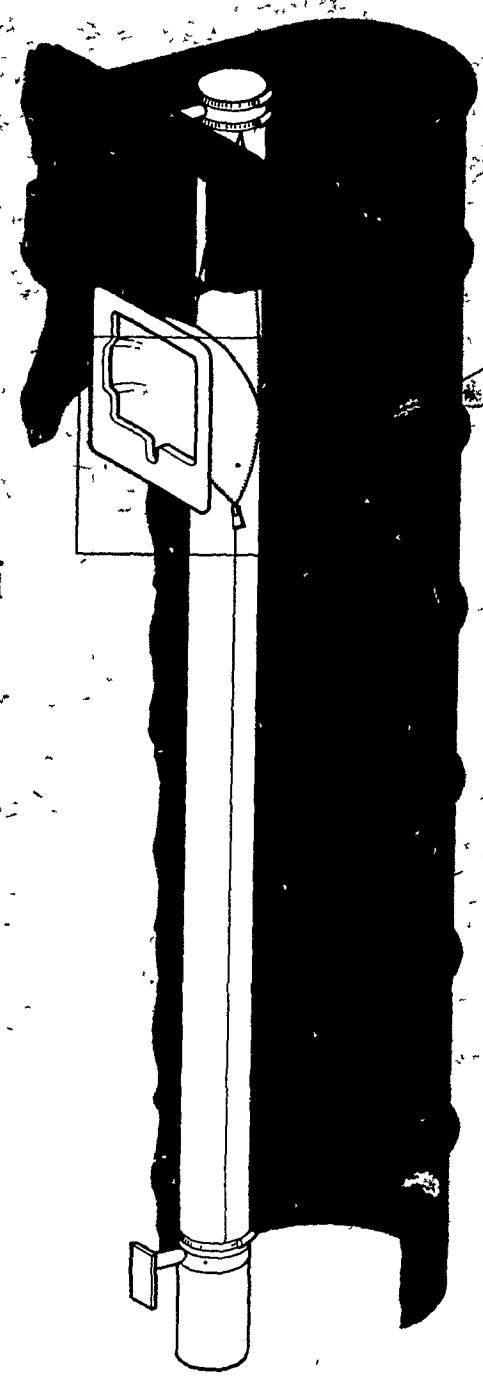

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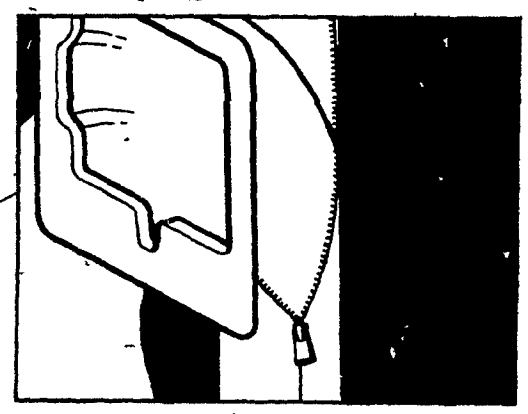

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Andersen is reelected Nat'l Grange Master

SPOKANE, Wash — Edward Andersen, Master of the National Grange, was re-elected to a second 2 year term as head of the 450,000 member rural organization Andersen, a former dairy farmer from Waterloo, NE was first elected National Master in November, 1979.

The National Grange elects officers every two years Newly elected officers include John Maple, Lawrenceville, NJ, Steward, Lloyd Massey, Raleigh, NC, Chaplain, Frank Silveira, Newport, RI, Treasurer, and Mrs Jeanne Davies, Deer Trail, CO, Flora.

Re-elected were Russell Stauffer, Springfield, IL, Overseer; Kermit Richardson, Barre, VT, Lecturer, R G Carter, Elmendorf, TX, Ass't Steward; Mrs. Betty Wallace, Beloit, WI, Lady Ass't Steward, B. Franklin Hayes, E. Rochester, NH, Secretary, D. Vincent Andrews, Sarasota, FL, Gatekeeper, Mrs Patty Wedding, Jacksonville, MO, Ceres, and Mrs. Dorothy Shores, Augusta, ME, Pomona Delwin Cross, Killduff, IA was re-elected to a 4 year term on the National Grange Executive Committee.

Recognizing that Congress and the Administration will be taking a new look at many important forms of government assistance programs, National Grange delegates passed resolutions urging Congress to take action to reform and insure the future solvency of the social security system They called for legislation to remove the earnings limitation on social security retirement benefits and said that any changes in the retirement age be phased in so that individuals nearing retirement will be able to make sound retirement plans The National Grange also favors legislation that would not only safeguard the continuance of Individual Retirement Accounts (IRA) but also increase the maximum contribution allowed.

The Grange also said that those applying for government aide and receiving benefits should be investigated more fully. Qualified, able-bodied applicants should be required to work for benefits and merchants should be restricted to accept food stamps in exchange for only nutritional foods.

The farm leaders said that the known fraud in the food stamp program calls for strict food stamp regulations.

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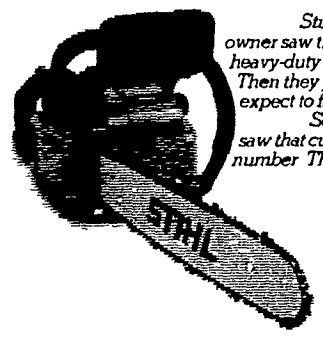

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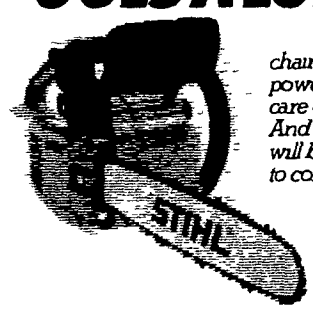

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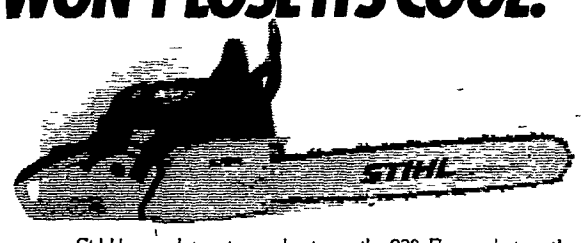

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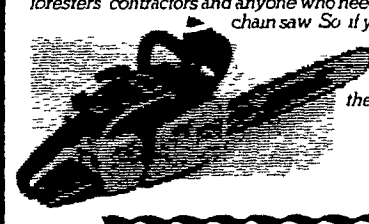

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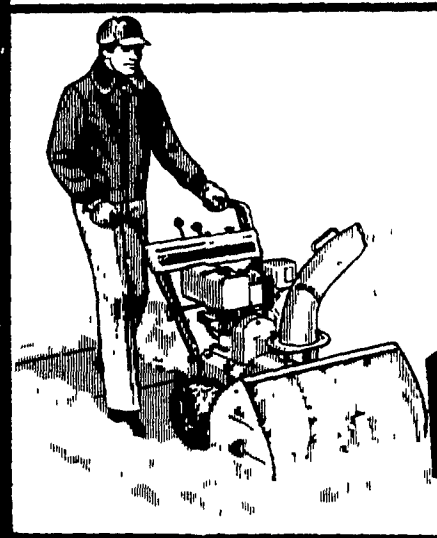

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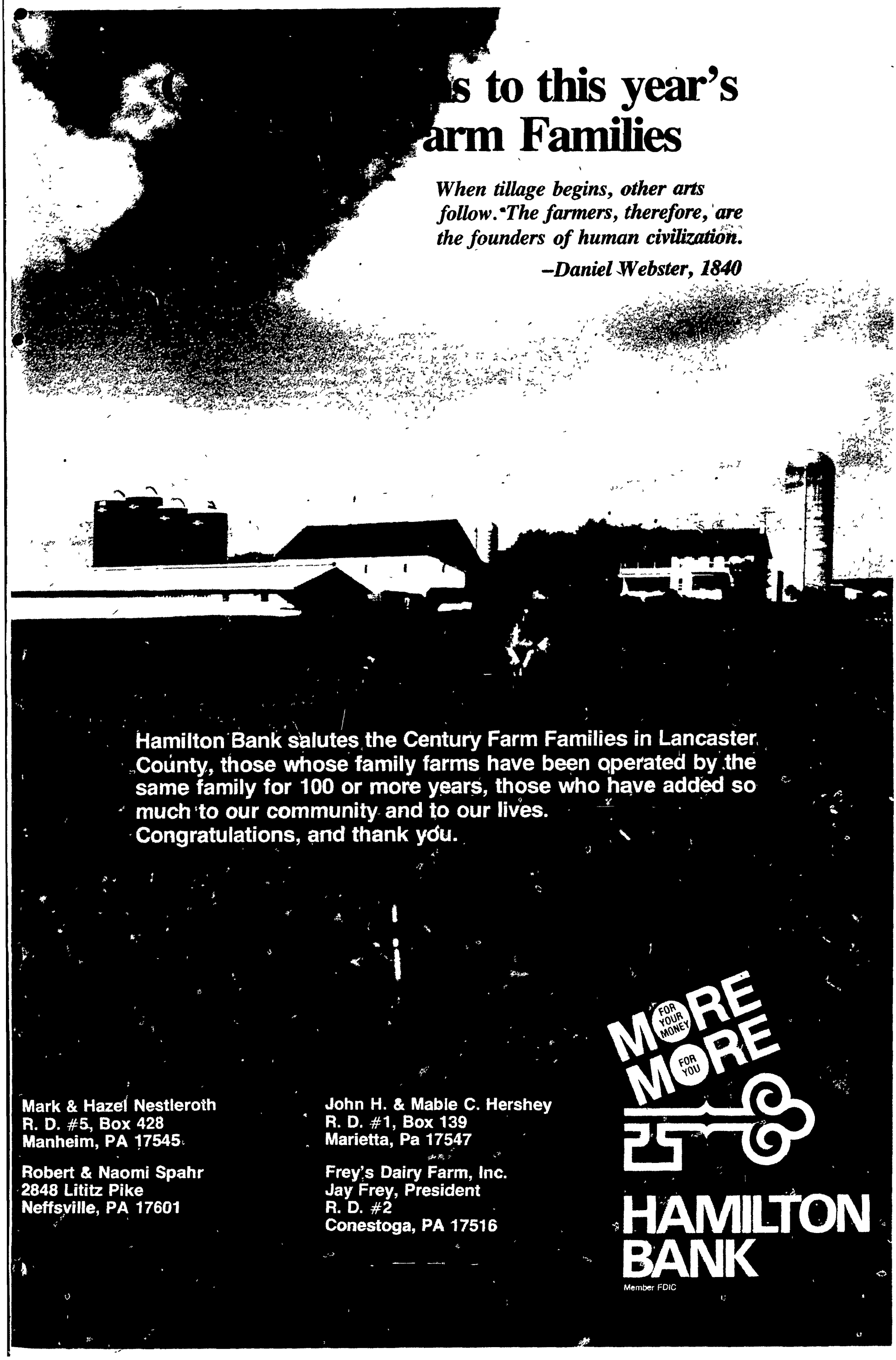

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Nat'l Grange adopts transportation, energy, labor resolutions

SPOKANE, Wash. — During the last day of deliberation at its annual convention on Monday, the National Grange adopted resolutions insuring a farm to market transportation system including highways, railroads and waterways.

The Grange is urging both House of Congress to agree on an interstate cost estimate to enable the Department of Transportation to apportion new interstate funds to the states.

In another area, the preliminary information from the federal government indicates a radical change in formula for calculating fair shares for highway vehicle taxes. The Grange believes the incremental system of calculating and attributing costs to different weight classes of vehicles is fair. The proposed new system would transfer increased tax burdens to small independent truckers. The Grange wants to retain the incremental system.

In rail transportation, agriculture is faced with abandonment of many branch lines by certain railroads who are crying "unprofitable operations". These lines appear unprofitable because they have been separated from the original land grants given to the railroads as an inducement for construction and operation. The land grants are, for the most part, still valuable and profitable. The Grange believes the railroads should retain their original obligation to continue the operation of these branch lines.

Grange policy also favors continued rebate of federal and state fuel taxes on fuels used in non-highway agricultural production. The Grange also supports continued enforcement of the 55 mph speed limit. The farm lenders also recommend federal legislation that would require the states to permit at least 80,000 lbs. gross vehicle weight, 60 ft. length for tractor-semi trailers and 65 ft. length for twin trailers and other combinations in truck service. Maximum weights would continue to be determined by states in compliance with the federal "bridge" formula.

The National Grange also voted to support further construction and operation of nuclear power plants until a better energy alternative is developed Grange delegates also continue to support for hydro power development at all possible locations. They urged all governmental agencies to facilitate the greatest development possible at every feasible site, including off-stream storage and low-head bulb turbines where adaptable.

In the search for alternative sources of fuel, the Grange encourages legislation to promote incentives for private industry to pursue commercial production of alcohol for gasohol or as a fuel in its pure form.

The Grange expressed concern for an adequate fuel supply when seasonal demands are upon the agricultural industry. In as much as the law provides for emergency distribution of gasohol and diesel fuel for agricultural production and marketing has expired, the delegates to this convention passed a resolution calling for the re-authorization for 1 year of the Emergency Petroleum Allocation Act.

"Cleaner air, rather than clear air, should be our objectives," the Grange said in its proposal for amendments to the Clean Air Act.

They said that it is unrealistic to strive for and impossible to achieve totally clean air. The National Grange is urging Congress to pursue a course that will best protect agricultural interests, relieve automotive passenger and freight users and carriers of costly and unnecessary restrictions and protect the physical and economic health of industry and the general public.

As to clean water, the Grange recommends that adequate state and federal funds be provided for any soil or water conservation program required by the Clean Water Act amendments of 1977. They said there is a more definition of navigable waters that needs to be established by Congress in order to clarify the responsibility of the Corps of Engineers under Section 404 of the Clean Water Act.

The farm leaders said it is time to untie the hands of the farmers who may wish to develop wetlands into productive farms. The National Grange is urging Congress to delegate to the states the responsibility of dredge and fill permit authority currently administered by the U.S. Corps of Engineers. The Grange will ask President Reagan to immediately rescind executive orders 11988 and 11990 to fully restore the provision of technical assistance by the Soil Conservation Service to farmers desiring to increase productive agricultural acreage.

The National Grange is dedicated to the effort to achieve soil and water conservation. In the face of announced changes the Grange will monitor the development of new USDA conservation programs to assume that states and counties continue to receive a fair portion of cost-share assistance and that no block grant funds be spent for state administrative costs.

In labor matters, the Grange supports the rights of individuals to organize into collective bargaining associations and encourages two-way discussion and a binding arbitration clause in labor contracts. Grange delegates from 37 states meeting here this week support the President in upholding the law that government employees are prohibited from striking and will oppose any bill that would allow them to strike.

There is support in the Grange for the President in his call for legislation to revise and toughen the federal criminal code. The Grange is concerned that the rights of a victim of a crime are often ignored, while the rights of the criminal are protected. The Grange believes there should be provision for the criminal to repay for the victim's loss. As to prisoner care, the Grange supports adequate detainment facilities that are clean and sufficiently modern to allow for the basic needs of inmates and maximum safety for prison employees, but opposes any expenditures for prisoner luxuries.

The Grange is calling for a change of our judicial process by encouraging a thorough review to determine how best to reduce the enormous cost of lengthy court trials and appeals. While the Grange oppose attempts to legislate gun control, they support the enforcement of existing rules and regulations pertaining to the ownership, purchase or registration of firearms.

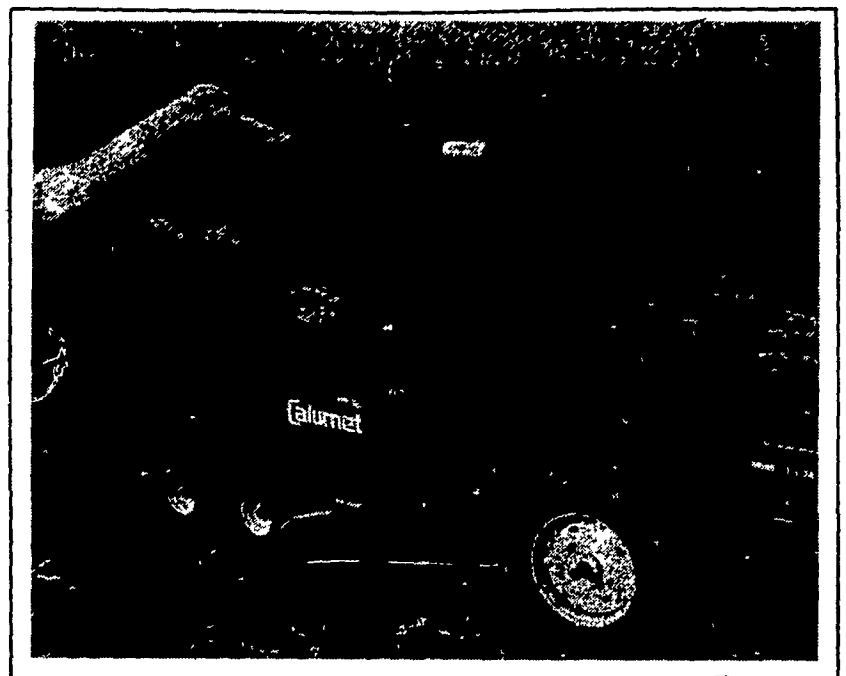
The Grange opposes the establishment of a commission to draft a "farm worker bill of rights". There is need for legislation to prevent dock strikes which interrupt the flow of grain, soybeans and other farm commodities to overseas customers.

Delegates at the 115th annual convention of the National Grange called for the repeal of the Davis-Bacon Act of 1931. In an effort to enhance the employment opportunities of inexperienced youth, the National Grange recommends that 16-19 year olds be paid at 75% of the federal minimum wage.

The Grange calls for legislation to adjust immigration laws and regulations to limit the quota of refugees and provide for the deportation of criminals and undesirables.

Thousands of Grange members were in the audience when Brad and Sylvia Crumpler of Colbert, WA, Dale Clark of Sterling, CT, and Laurie Purcell of Washington,

(Turn to Page A39)



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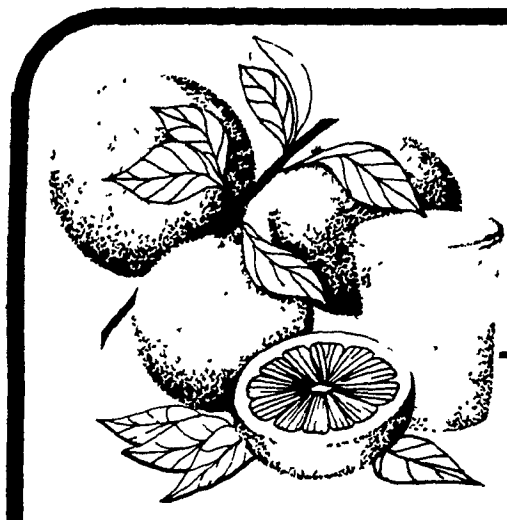

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Cumberland Co. farmers and businessmen share breakfast, ideas

BY BETH HEMMINGER
Staff Correspondent

CARLISLE — As the adage proclaims, "the early bird catches the worm." Well, the early birds who attended the Cumberland County Farm-City breakfast did catch a rather delicious 'worm' when a plate of juicy hot ham, steaming eggs and oversized blueberry muffins was placed before them.

One city dweller remarked, "This was worth getting out of bed for." And the farmer sitting beside him commented, "This is a real country breakfast."

The country breakfast was delicious, but was merely an introduction to the purpose of the morning meeting.

Duane Duncan, Cumberland County Agent, stated that this "morning gathering" had been taking place for a number of years acquainting the city workers, bankers, lawyers, and county officials with the county farmers. He added, "The meeting also offers a glimpse of the goals and accomplishments of the Agriculture Extension Service to its tax paying public."

With this purpose in mind, Cumberland County 4-H Agent, Alan Wentz, told the group about a recent 4-H activity that incorporated the services of county officials and 4-H'ers for a better understanding of the juvenile justice system in our county. During the two day session, Wentz and the 4-H'ers learned about the many facets of the juvenile system — the personnel and what they do, how the judge makes decisions, the costs of the system and rehabilitation procedures.

Now, with a better understanding of the system, the 4-H'ers organized a mock trail with the assistance of the probation supervisor, district attorney, public defender and judge.

Wentz stated, "With the knowledge the 4-H'ers have gained from the program, it is now possible for them to help correct their peers who are veering towards a life in crime."

Wentz concluded, "4-H isn't all cows and cooking" as many people think; it is a youth organization diversified in many areas. 4-H'ers are the adults of the future and are interested, knowledgeable and dedicated in promoting the farming community and making the city world a better place to live."

Agent Duane Duncan explained another aspect of the Extension Service programs that help the farmer and city person in the county.

One of these programs is the Dairy Herd Improvement Association. The Extension Service promotes the benefits of the association through educational programs to the dairymen and businessmen. Duncan stated that DHIA Program tests the farmers milk, assists the farmer in calculating feed needs according to production, offers life history records of cows and helps merchandise top breeding stock.

Cumberland County has 6,500 cows in the program and each of these cows stated Duncan are milking an average of 15,000 pounds a year. "Some people will ask how does this help the businessman?" remarked Duncan.

The farmers with the 6,500 cows will support the grain mills for top quality feed, the breeding business will be offering the best possible sires to these farmers and buyers from all over the world have brought international commerce and trade to Cumberland County, he explained.

"These are just a few of the ways the farmers and businessmen are working together for the enrichment of both worlds," stated Duncan.

Duncan closed the program by handing out a Cumberland County Dairy Fact sheet. The sheet contained this information:

* Last year the average cow on DHIA produced 7½ tons of milk;
* Cumberland County dairy animals produced 125 million quarts of milk last year;
* There are 400 dairy farms in Cumberland County;
* It costs the farmer $838 to feed the average cow on DHIA for one year;
* Cumberland ranks 7th among the 67 counties in milk production, and
* Pennsylvania ranks 5th among the 50 states in milk production.

USDA extends grain warehouse comment period

WASHINGTON, D.C. — The U.S. Department of Agriculture has extended until Dec. 16 the deadline for receiving comments on three proposed changes in regulations governing warehouses that store grain which is owned by the Commodity Credit Corporation or which serves as collateral for CCC loans.

According to CCC executive vice president Everett Rank, the comment period is being extended 30 days so everyone will have an opportunity to offer alternative procedures or other suggestions. The three proposals made by USDA's grain elevator task force would amend regulations governing CCC grain storage contracts by:

—requiring warehouses to furnish CCC an annual financial statement which has been examined by an independent certified public accountant. In addition, the warehouse would have to submit a copy of the CPA's audit report, prepared in accordance with generally accepted auditing standards, of its financial statement.

—deleting the provision that the net worth of the warehouse need not exceed $250,000 and changing rate used in calculating the net worth requirement with respect to grain warehouses.

—permitting warehouses to furnish CCC an irrevocable letter of credit as security to meet such net worth requirements.

Comments should be sent to Paul W. King, acting director, transportation and storage division, ASCS-USDA, P.O. Box 2415, Washington, D.C., 20013.

Nat'l Grange

(Continued from Page A38)

IL were selected 1982 National Grange Youth Couple of the Year, National Prince and National Princess. The announcement came at a Youth Coronation Pageant last Saturday at Riverpark Center.

Runners-up were James and Sarah Grafton, Columbus, OH, Tom Gwin, Hoquiam, WA, and Carol Grubb, Greentown, Ohio.

The Crumplers are graduates of Washington State University, have two children and are active in community affairs. Brad is a farmer and Sarah, a piano teacher. Both are members of Half-Moon Grange.

Clark, who was selected National Grange Prince, is 18 years old, member of Eknok Grange, a former FFA district vice president and is assistant manager of Iron Mountain Farm. National Princess Purcell is a 19 year old sophomore at Illinois State University where she is majoring in special education. She is a member of Hopewell Grange.

On Friday, Nov. 13, musical and variety performers representing their state granges competed in a Family Musical Contest and Talent Finals. Winners in the family musical were vocal (first) place, the James Butler, Jr. family of New Vienna, OH, and (instrumental) first place, the Joseph Skipper family, Elk, Washington. First place winners in the talent contest were (vocal) Frances Greer, Hesperus, CO, (instrumental) Dennis and Gail Secord, Port Angelus, Washington.

Also on Friday, Mrs. Mary Beth Heberer, director of Junior Grange Activities announced that the 1981 Junior Grange of the Nation is Capital Junior Grange, Dover, Delaware. Mrs. Lulu Carrow also of Dover, DE, was recognized as Junior Leader of the Nation.

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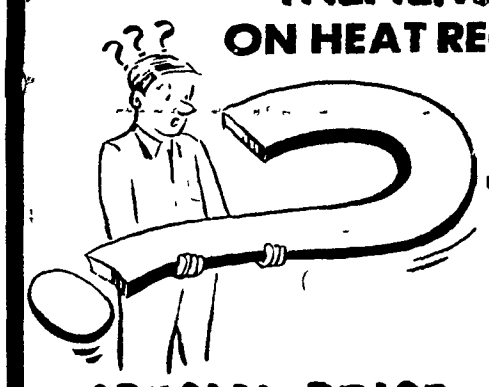

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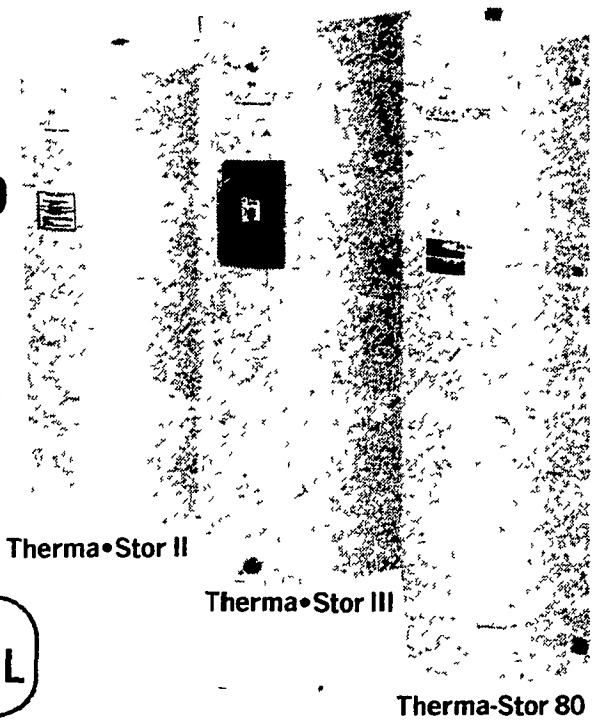

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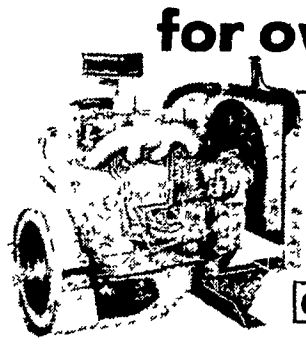

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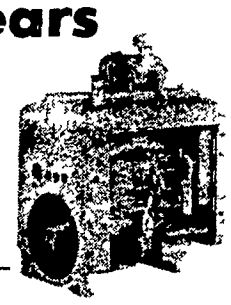

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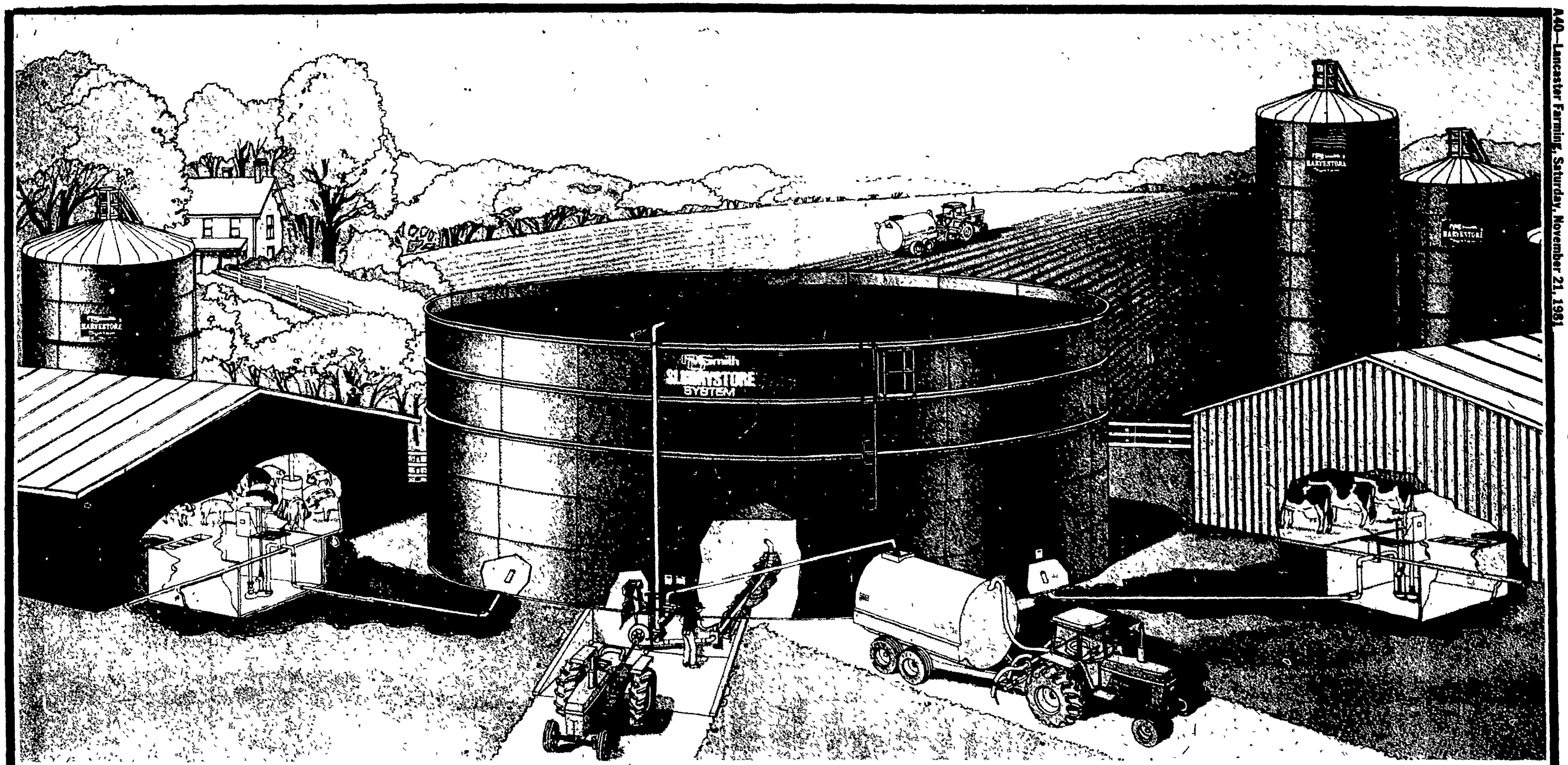

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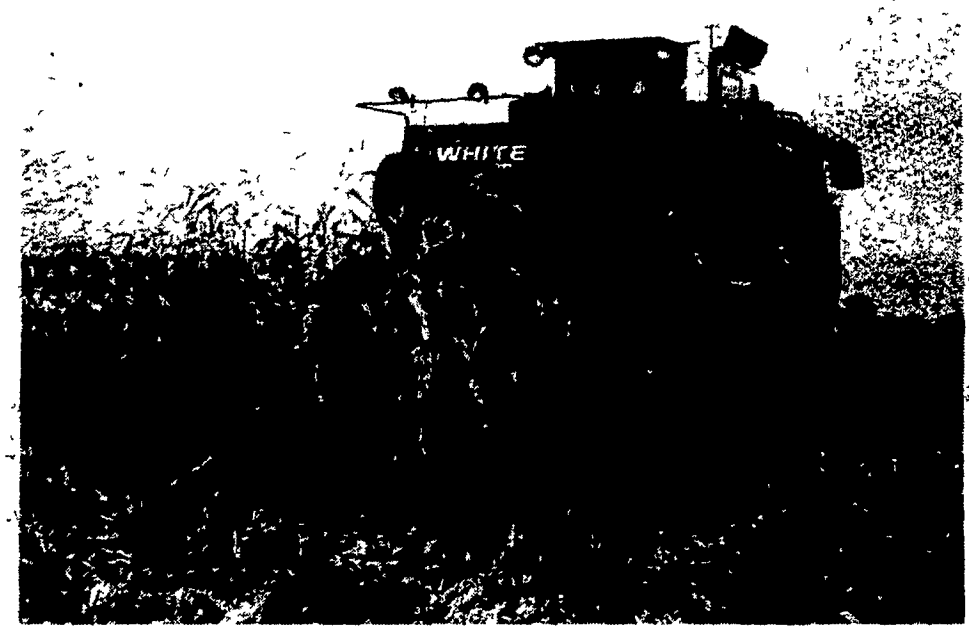

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Love of country life brings duo growing business

By Beth Hemminger
Staff Correspondent

Just two years ago, Bonnie Thompson and Theresa Raven opened their doors of the Victorian Lace Shop on High Street in colonial Carlisle.

Today their delighted customers find old and new treasures all thoughtfully assembled for a one-of-a-kind appearance. Their specialties include Victorian whites, petticoats, ethnic apparel, antique baskets and a host of other collectibles; the shop also stocks newly-made clothing, sweaters, potpourri and decorative ornaments for the home.

Bonnie and Theresa, both down-home country girls, were bitten by the collecting bug at the tender ages of 16; and almost 15 years later, they merged their talents and gathered their collectibles into an impressive array of Victorian and country antiques and anything else that added the romantic air of long ago.

Theresa from midwest Kansas, Bonnie in the East, a Carlislian, and both from farming backgrounds are evidence of the growing interest in the return to country collectibles for the home and wardrobe.

Theresa said, "I remember collecting the eggs for breakfast, gathering down for pillows and searching for flowers in the fields. I enjoyed those simpler times and easier ways."

Pure enjoyment was the basis for those beginning collecting days for Theresa. She feels that folk-art decoration and country crafts add a special warmth to anyone's home and bring back a little of her long-ago childhood days on the Kansas farm.

Theresa knew her Kansas country life could not support another family, consequently she entered college to retain a teaching degree.

She arrived in Pennsylvania to begin her career in teaching and during that time added a master's title to her qualifications

She laughs, "That is when I met the energetic Bonnie Thompson."

Bonnie is a true Carlislian enjoying history, antiques and the Victorian and colonial eras.

"I think I started my collecting at infancy," she chuckles. "No" Bonnie remarked, "It was much later when I began collecting, but for as long as I can remember I have been interested in rural lifestyle and apparel." A designer and business woman since high school Bonnie sees an evident revival of the country world in the home and on the street in apparel.

She stated that much of her interest in collecting has grown from childhood memories living in an old farm house in the country. Bonnie remembers finding toys, decorations and even pieces of fabric and clothing left behind in the old farm house that she cherished more than her new dolls and pretty dresses.

This unusual, but unique, duo met several years ago at an event frequented by both, a public sale.

Theresa Raven and Bonnie Thompson, the originators of the country shop, "Victorian Lace," discuss business matters after closing time.

Bonnie recollects, "Both of us were bidding on the same items, causing the price to rise exorbitantly. Neither of us could afford the merchandise at the present price so reluctently we joined forces to immediately split the cost and the goods."

After that first brief, and unpleasant encounter, the two country girls continually met at local sales and auctions; always with their eyes on the same merchandise.

"After a while we both looked for the other at these collector spots. During the sales we talked about our interests and discussed our pasts — the farm, the beautiful fireplaces, hardwood floors, lace and frills," said Bonnie and Theresa.

"We had so much in common in interests and background that we joined forces; first as antique collecting partners," added Theresa.

For three years the collecting due continued to travel the auction and sale circuit to gather the country antiques.

"We had accumulated such an impressive assortment, that we needed an outlet" remarked Bonnie.

The collector's rented an old building in Carlisle, which once was a carriage shop, to begin their retail venture.

"The old carriage shop was perfect for our needs," exclaimed Bonnie. The shop expressed the appearance they had hoped for — rustic, antiquated, and all that was needed was the warmth of quilts, rag rugs, and folk-art decorations which the pair had in abundance. The business was underway.

The couple enjoyed their venture, but Bonnie had dreams of adding her collection of antique white clothing to their stock, being on Main Street and having an extraordinary picture window to decorate lavishly.

These dreams of Bonnie's were limited in the back street carriage shop and Theresa too, had a definite interest in retailing the whites and country clothing accumulated during their buying sprees.

The antique dealing team moved up town into a shop of quaint Victorian appearance. The entrance is elegantly carved. The stark white walls add distinction to the exposed beams and the cobblestone floor covered by an Oriental rug beckons the charm of rural America of long ago.

Bonnie recalls those beginning days, "We had the charming shop, we had the abundance of stock; all we needed was a name! We sat for hours in my farm house thinking, thinking and thinking."

Bonnie and Theresa remarked, "We knew "Victorian" had to be part of the name, naturally, because of the shop appearance and we had collected boxes and boxes of lace and frills. So what would be more appropriate than christening the new boutique "Victorian Lace." Bonnie chuckles and adds, "Not bad for two country girls."

Team work has paid off for these two entrepreneurs; since their opening two years ago the store has grown rapidly in content and clientele.

During the first year the shop was occupied by Victorian camisoles, petticoats and white lace dresses. "Now we have expanded into ethnic looks, handknit sweaters, country fabric, grapevine wreaths, folk art and much, much more. The customers encouraged our expansion with special requests for this style of blouse or that folk art decoration," said the owners.

The shop has not only grown, but has opened up several interesting avenues for Bonnie and Theresa to dabble in. Bonnie remarked. "Who would have ever imagined the two of us coordinating fashion shows." The owners explained that during the past summer several organizations and clubs in the area requested a showing of the beautiful antique whites.

"We pulled together a group of models, our patrons and friends, and provided a show with a conglomerate of antique whites, nightgowns, wedding attire and more that was worn long ago and can be worn today," said Bonnie The shows were a success and the group of "Victorian Lace Ladies" modeled all summer long at tea parties, country clubs and civic organizations in Cumberland County.

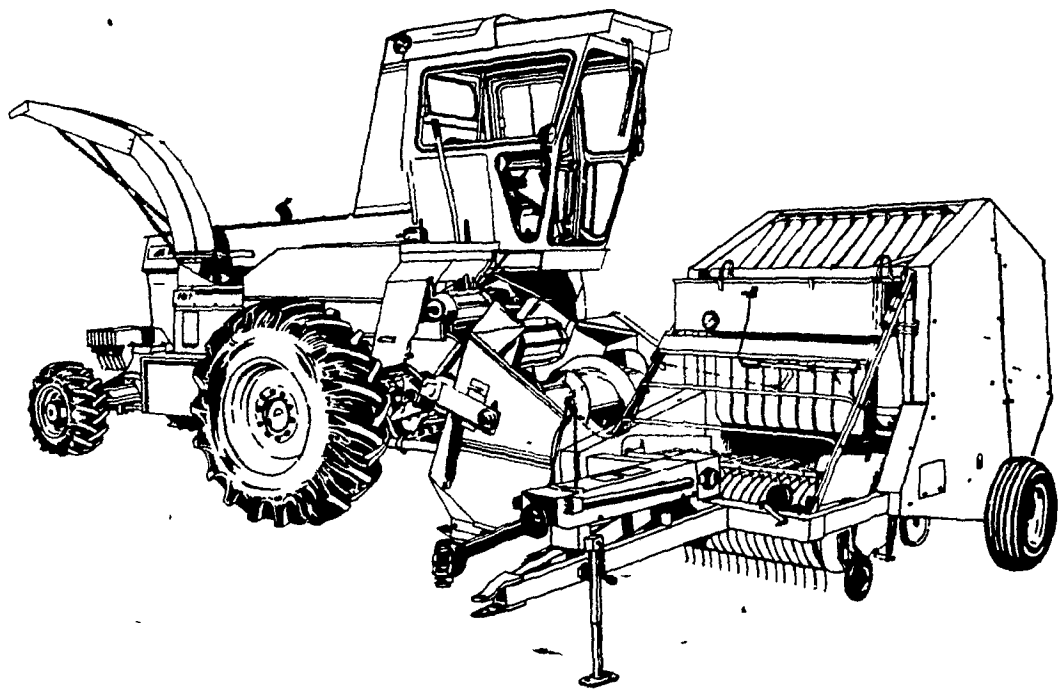
Another avenue was opened up to the shop couple when a cosmetic representative from a well-known company spotted the unique shop and its wares and requested their knowledge, skills to assist in promoting the new cosmetic line. The theme of "Country" was the basis for their ground work for this new adventure.

(Turn to Page B4)

Victorian Lace shelves are dressed with nostalgia, a basket filled with teddy bears, a country cotton dress adorned in ruffles, and an 18th century dresser.

In the corner of the shop a handsome armoire is loaded with a collection of handknit sweaters and socks, folkwear patterns and country fabrics.

Homestead Notes



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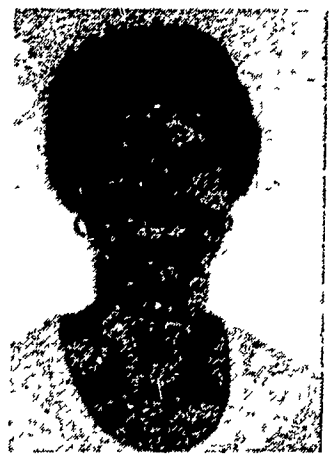

On being a farm wife -And other hazards

Joyce Bupp

Goodness me, here it is, Turkey Time again.

There will be no ordering up of a turkey across the phone, or carefully selecting from a buffet of birds at the local supermarket for this farm wife

My turkey's waiting at the back door. Literally. I found him sitting on the picnic table on the back porch one day, while his cohorts were around the other side stealing the Indian corn from my front porch decorations.

Those birds were cute little things as their adolescent feathers grew in, picturesque as they scratched their way through the back yard, and even pettable when they settled on the garden fence to roost for the night.

But that was at their better moments

Too often, their collective behaviour was anything but mannerly.

Like hummingbirds to sugar water, those nine big white feather friends could smell fresh high moisture corn in the dairy barn before it was halfway out of the storage unit. They'd rush toward the barn like a team of college football players on the five yard line and headed for touchdown.

Turkeys in the dairy barn, as any milk inspector could tell you, are strictly a no-no.

Then there's that other little matter of the remnants they leave behind as we chase them off into yonder field. One of the barn crew labels them "tar puddles."

Just the other day, I skidded through a "tar puddle" hiding under a maple leaf, nearly dropping the full crockpot of hot chocolate on its way to guests in the barn office.

My opinion of backyard turkeys dropped several additional notches.

And now they've claimed the spot of lawn smack under my wash line as their very own, with two of the biggest roosters bent on keeping me well away from their beloved hens.

I don't want their hens. All I want to do is hang out the dozen pairs of jeans in the laundry.

Nevertheless, the big fellows put themselves up to their fullest, tail feathers extended into perfect broad fans, heads turning brilliant blue and red in intense displeasure with my presence.

With a couple of steps angled in my direction, and a mean-sounding "hiss" to accent their opinion of me, these strutting show-offs edge closer and closer, feinting pecks toward my knees, until I finally swat them with a wet sweatshirt.

Therefore, you will find no remorse, no regrets, no sorrow as the Thanksgiving celebration looms for these two troublemakers.

Neither do I expect to find a $20 bill with my grocery list, as did one farm wife I've heard about, along with a note to "go get a turkey we don't know."

And this holiday will be celebrated for the many blessings we have so abundantly, as well as the fact that once again I will be able to hang up laundry unharrassed.

Thank goodness.

And a happy Thanksgiving!

Duo operates

(Continued from Page B2)

"Once again," said Bonnie, "we pulled on our resources from past experiences of childhood days and present knowledge and promoted the new line in a beautiful country market place; vividly colored with baskets of fruit, quilts for sale, fresh flowers, harvest wreaths and homemade breads.

As Bonnie looked from corner to corner in the store, she remarked, "It is remarkable that the simple, special touches of the country life are what makes the shop a warm country pleasure to all who have ventured through the door." And to some she said it is a step back into the past and to even others it is simply the uniqueness of it all.

Whatever the case may be, Bonnie and Theresa plan to continue finding treasures of old and new to supply the growing interest in simpler times and easier ways.

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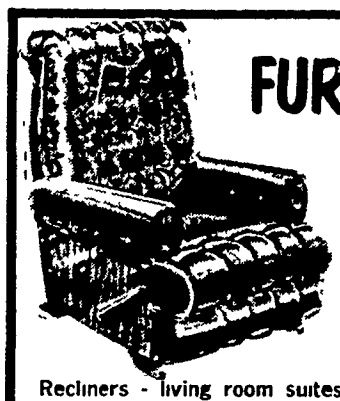

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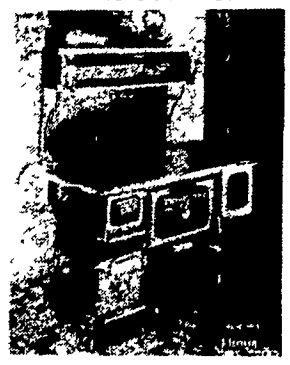

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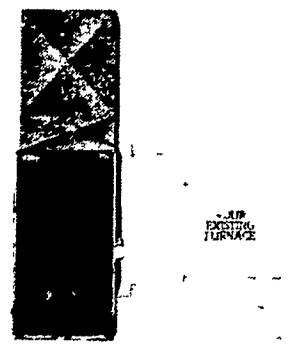

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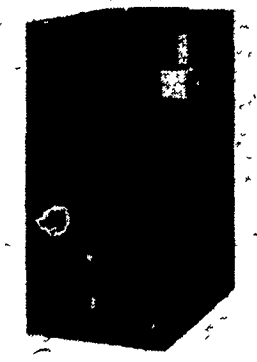

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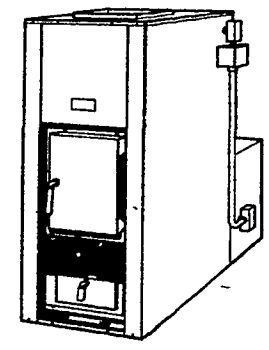

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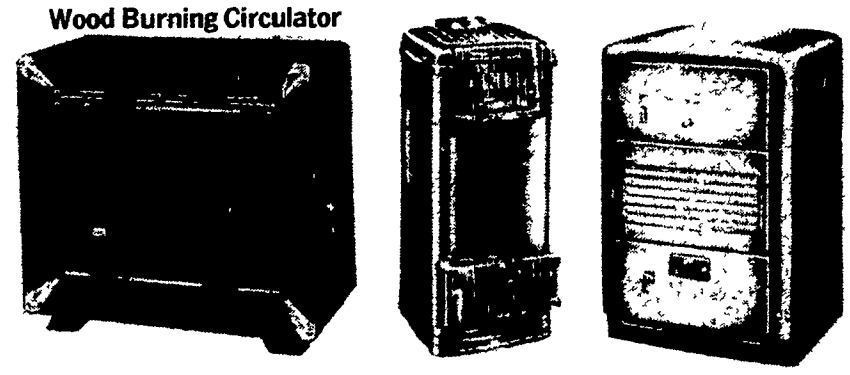

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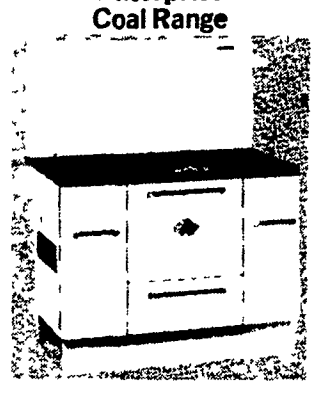

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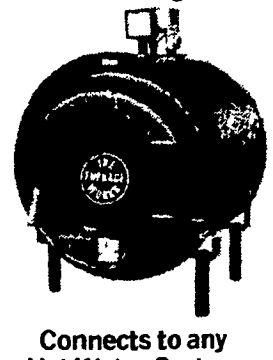

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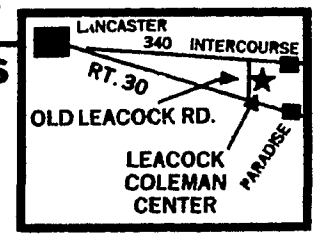

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Turkey types available to meet every need

LANCASTER — A traditional holiday meal means turkey and all the fixings for most families and today they have a variety of turkey forms to choose from.

According to Marcy Seckman, Extension home economist, turkey and turkey products should meet the needs and tastes of everyone.

The most popular form again this year will be the ever-traditional whole turkey, roasted for hours to a golden-brown. You can buy whole turkey either fresh or frozen.

Expect to pay a premium price for fresh, unfrozen turkeys, since they must be processed during the rush period prior to a holiday. Fresh turkey can be safely held at refrigerated temperatures for approximately one week after slaughter.

Before cooking, wash a fresh-killed bird thoroughly and sniff it carefully for any sign of off-odors. The sniff test is very reliable with raw poultry.

Since frozen turkeys have been rapidly frozen immediately after slaughter, they retain their quality well during storage. Taste tests have repeatedly shown little or no flavor difference between fresh and properly defrosted frozen birds.

A new twist to the whole turkey has appeared in the past decade. You can buy a turkey frozen with a seasoned stuffing already in the body cavity. The stuffing is prepared under sanitary conditions and is ideal for those who don't have the time to prepare one. You roast a pre-stuffed turkey in its frozen state with little advance preparation. Do **NOT** thaw a pre-stuffed turkey before placing it in the oven to roast. Use the cooking time recommended on the package.

The consumer, of course, pays more for this convenience in two ways — the initial higher cost per pounds and the cost of the extra fuel energy required for longer cooking. Seckman stresses that the consumer must not try to save energy by defrosting the bird before roasting. You buy this type of turkey to save your energy and time.

Another concept is the self-basting turkey. An oil-type product, such as corn oil, margarine or butter, is added to the turkey meat to add succulence and greater flavor. In the self-basting process, the mixture bastes the meat and skin surface, leaving you free to enjoy your guests while the turkey bastes itself to a golden brown. Most of the fat cooks out in the roasting process so extra calories need not be a concern.

If you prefer just breast or just dark meat or want additional meat to go along with the whole bird, you can buy turkey parts in the frozen meat section of your grocery store. Because of the added labor costs and meat content, turkey parts cost a little more than whole turkeys. A variety of turkey products are available that involve little or no waste — ideal for the small family.

The boned and tied turkey consists of light and dark meat surrounded by a natural skin cover. The advantages of this are shorter cooking time and no bones or trimmable waste. Because of the labor involved in separating the meat from the bone and the processing necessary to put the product into final form, boned and tied turkeys also cost more per pound than whole turkeys.

Another no-bones-or-waste product is the turkey pan roast. The meat consists of a light and dark meat portion which has been mixed with binding materials and formed in an aluminum pan with a natural skin covering placed on top. The pan roast may also include the cost per pound to help the consumer choose the best buy.

Still another type of boneless turkey meat product is processed in a pear shaped ham-type can, which can be roasted with little advance preparation.

You can choose turkey in a variety of forms for your holiday meal. Select the one that is just right for you, your family and your friends.

Defrost your turkey in the microwave

LANCASTER — Do you think thawing the holiday turkey is more trouble than roasting it? If you're lucky enough to have a microwave oven, Marcey Seckman, Extension home economist from York County suggests you take advantage of its speedy defrosting capability and save yourself a lot of time and effort.

The whole turkey can be left in its original wrapping for the first half of defrosting, but it's easier to spot areas that are defrosting too quickly if the bird is unwrapped from the start.

Here are a few pointers to take the guesswork out of microwave oven defrosting of your holiday turkey:

— Set the microwave oven for 50 percent of full power. This will be the "medium" setting on some ovens: "simmer" or "defrost" on others. At that power level, estimate defrosting time at about 4 to 6 minutes per pound. Check your use and care manual for specific instructions.

— Place the unwrapped turkey in a baking dish, breast-side-down. Defrost for 1/4 of the total time.

— Shield any warm spots with foil. Turn the turkey breast-side-up and defrost for ¼ the time.

— Turn turkey breast-side-down again. Shield leg and wing tips and any warm or brown areas.

— Reverse the baking dish so the turkey legs point to the opposite end of the oven. Defrost for 1/4 time.

— Turn the turkey breast side up again. Defrost remaining 1/4 time. Spread wings and legs from the body of the bird and loosen giblets.

— Let the turkey stand in cool water for about 1/2 hour or until neck and giblets can be removed and the interior is cool but no longer icy.

Roast the defrosted turkey according to your favorite recipe.

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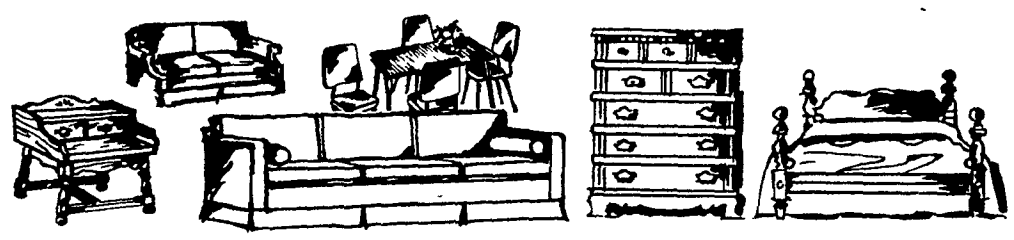

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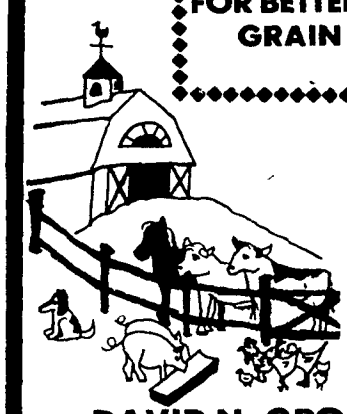

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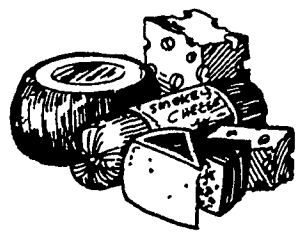
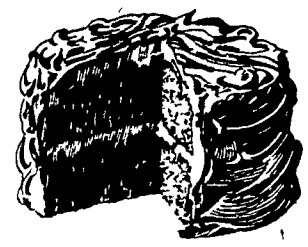


Home On The Range



Thanksgiving dishes for recalling cherished memories

Thanksgiving is the perfect time to gather the family around you and give thanks for the harvest, the blessings and each other. While you're at it, serve an old fashioned Thanksgiving meal with turkey and the trimmings for the children — make it a meal they'll remember just like the ones you remember with cherished memories.

Turkey is a tradition, and almost half the turkey Americans eat is still gobbled up during the fall holiday season. Even the president of the United States and his family plan to serve turkey for the holiday.

What else is on the menu of the first lady's holiday feast? Cornbread dressing, giblet gravy, french-cut string beans, sweet potatoes with marshmallow, fresh cranberry mold, monkey bread and jam, olives, carrots, celery strips, minced meat pie with brandy sauce, and persimmon pudding with brandy sauce. Mrs. Reagan's recipe for cornbread dressing is below as are several other favorite holiday dishes:

CORNBREAD DRESSING

1 box cornbread mix
1 pan homemade cornbread
1 pkg. chicken livers
chopped parsley
1 small stalk celery
3 large onions
turkey giblets, cooked
poultry seasoning, white pepper

Chop chicken livers and saute in butter. Add finely chopped onions, parsley and celery. Add seasoning to taste. Crumble homemade cornbread and add box of cornbread stuffing mix. Then add above chicken liver mixture and stuff turkey.

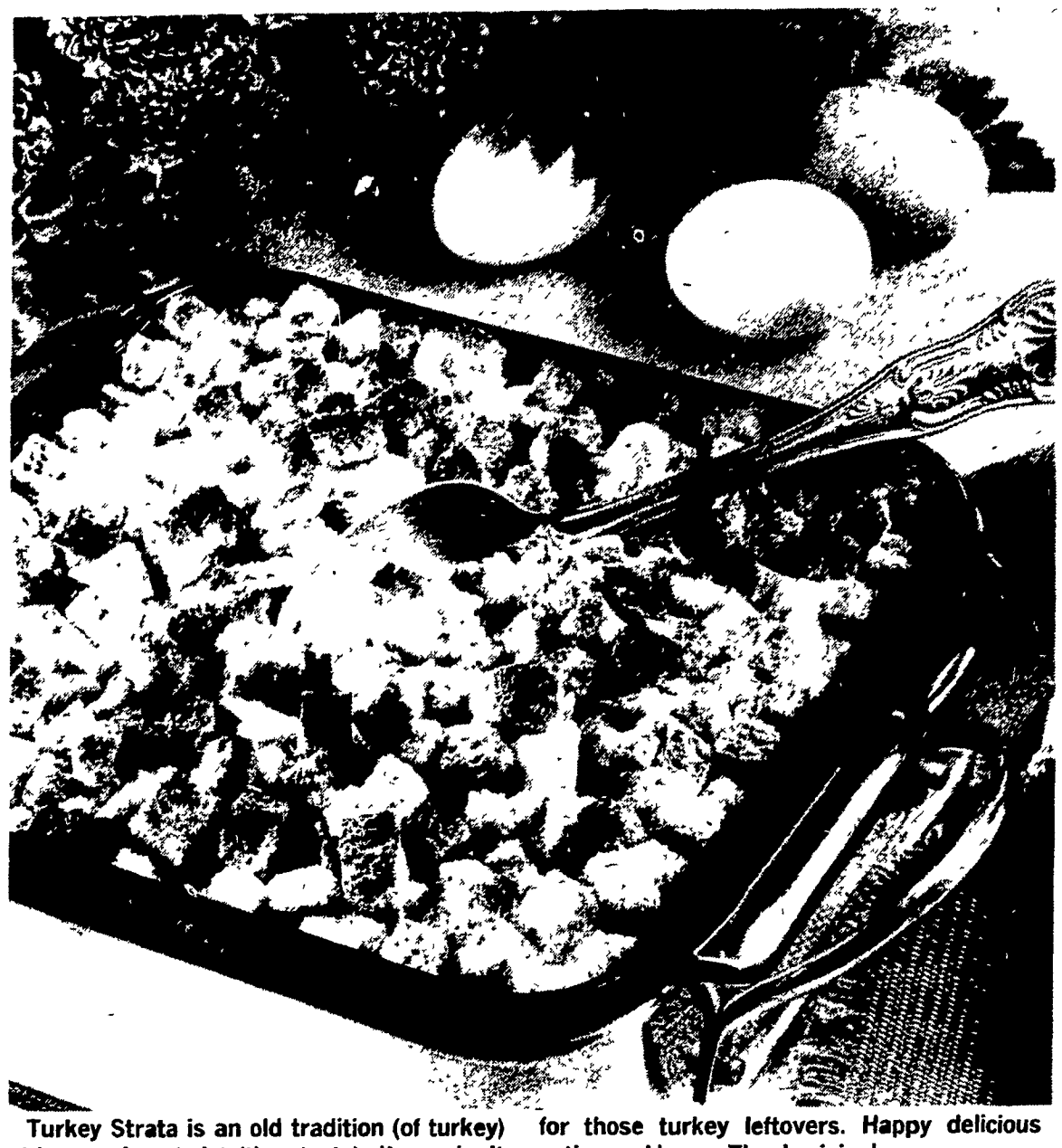
TURKEY STRATA

4 to 5 c. herb-seasoned stuffing cubes
1 c. chopped cooked turkey
1/2 c. chopped celery
1/2 c. chopped onion
6 eggs, slightly beaten
1 can, condensed cream of chicken soup
1 1/2 c. milk
1 t. poultry seasoning

Sprinkle 2 c. stuffing cubes over bottom of greased 2 quart baking dish. Sprinkle turkey, celery and onion over cubes. Top with remaining cubes.

Blend together eggs, soup, milk and poultry seasoning. Pour egg mixture over stuffing mixture. Cover. Refrigerate several hours or overnight.

Bake in preheated 350 degree oven until golden brown, about 50 to 60 minutes.



Turkey Strata is an old tradition (of turkey) with a modern twist (the strata). If you don't want to use the recipe on Thanksgiving, try it for those turkey leftovers. Happy delicious eating and happy Thanksgiving!

TURKEY WITH APPLE CIDER

1 4-to-5-pound turkey breast
2 t. salt
1/2 t. pepper
1 t. allspice
1/4 c. butter or margarine
2 medium onions, diced
2 carrots, diced
1 c. apple cider

Sprinkle turkey quarter with salt, pepper, and allspice. Brown in a heavy skillet in moderately hot butter, turning frequently for about 30 minutes. Remove from pan.

Arrange a bed of onions and carrots in the skillet with turkey on top. Pour apple cider over.

Cover and cook over low heat for about 2 1/2 hours or until fork-tender in the thickest parts.

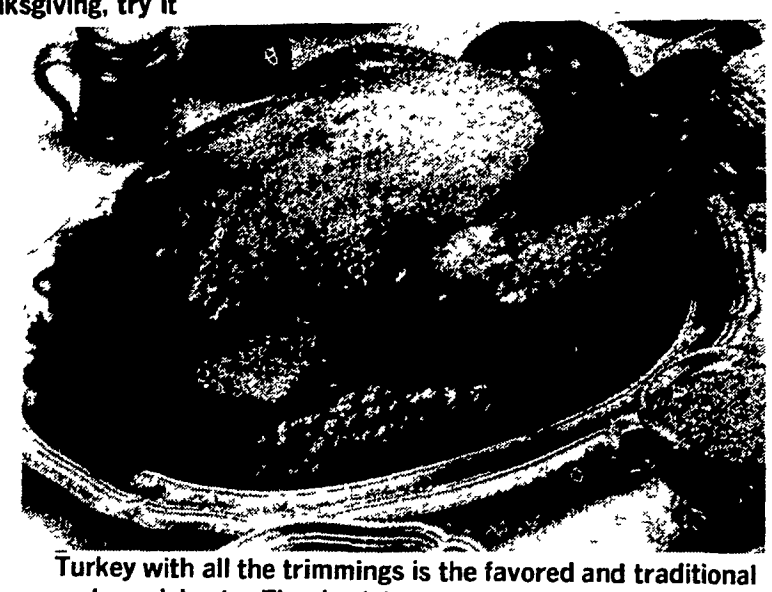
Baste occasionally and add more cider if necessary.

Remove turkey to a warm serving dish.

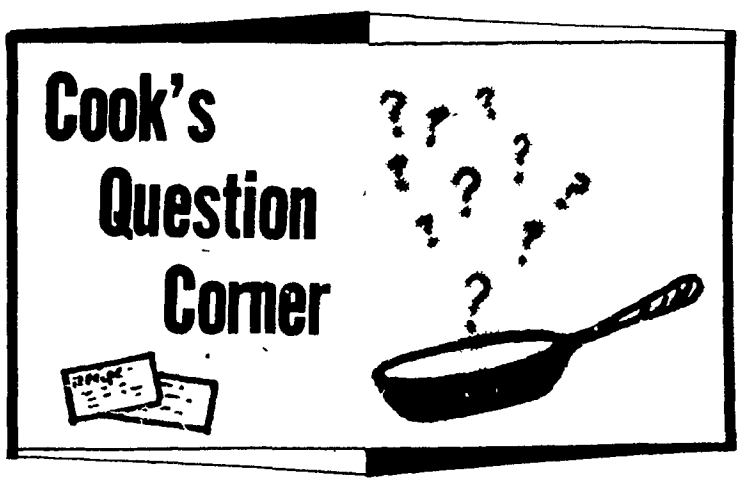
Strain pan juices, mashing the vegetables through a sieve to make a rich gravy. Season to taste.

Garnish platter with garlic croutons and halves of canned fruit filled with seedless raisins

Serves 6.



Turkey with all the trimmings is the favored and traditional way to celebrate Thanksgiving. Doesn't this turkey look delicious?



REMINDER — Ladies, we are still looking for recipes for coconut macaroons, magic swirl chocolate cake, and ham patties. Can anyone help us?

THANK YOU — Goes to Naomi Burkholder who copied four pages of instructions on making corn husk wreaths for Dawn Harvey, who earlier requested such.

QUESTION — Also, Mrs. Burkholder would like a recipe for honey-glazed, whole wheat donuts. Can anyone help this cook who was so kind as to help another reader?

Recipe Topics

November	
21	Thanksgiving favorites
28	Potato Recipes
December	
5	Cakes promote friendship
12	Cookies for Christmas
19	Popcorn favorites
26	Beverages for the holidays

HONEY WHEAT MUFFINS

1 egg
1 c. milk
1/4 c. oil
1/4 c. honey
1/2 t. vanilla
1 c. whole wheat flour
1 c. white flour
3 t. baking powder
1 t. salt

Grease 12-cup muffin tin. Beat in medium bowl egg; add and blend in milk, oil, and add honey and vanilla. Combine together in separate mixing bowl flours, baking powder, and salt. Add dry ingredients to egg mixture Stir until moist and lumpy. Spoon batter into muffin cups 2/3 full. Bake in 400 degree oven for 20-25 minutes and muffins are lightly browned. Cool slightly; then loosen muffins with spatula and remove.

WILD RICE STUFFING

2/3 c. wild rice
2 c. water
1/2 t. salt
6 c. day-old white bread cubes
1/2 c. finely chopped onions
1 t. powdered sage
1/2 t. salt
1/2 c. melted butter

Rinse rice thoroughly. Bring to boil in saucepan with water and salt. Reduce heat and simmer 30 minutes or until just tender. Combine bread cubes, onion, sage, salt and cooked rice. Add melted butter and toss to mix. Stuff turkey lightly. Makes enough to stuff an 8 to 10 pound bird.

SWEDISH PECANS

4 c. pecan halves
2 egg whites
1 c. granulated sugar
1/2 c. butter

Beat egg whites and dash of salt till soft mounds form. Gradually add sugar and beat to stuff peaks. Fold nuts into meringue. Melt butter in 13x9 inch cake pan. Spread nut mixture over butter. Bake at 325 degrees for 30 minutes stirring every 10 minutes or till nuts are coated with a brown covering. Cool. Store in tins or plastic bags.

Judy Rhoads, Stoystown

(Turn to Page B8)

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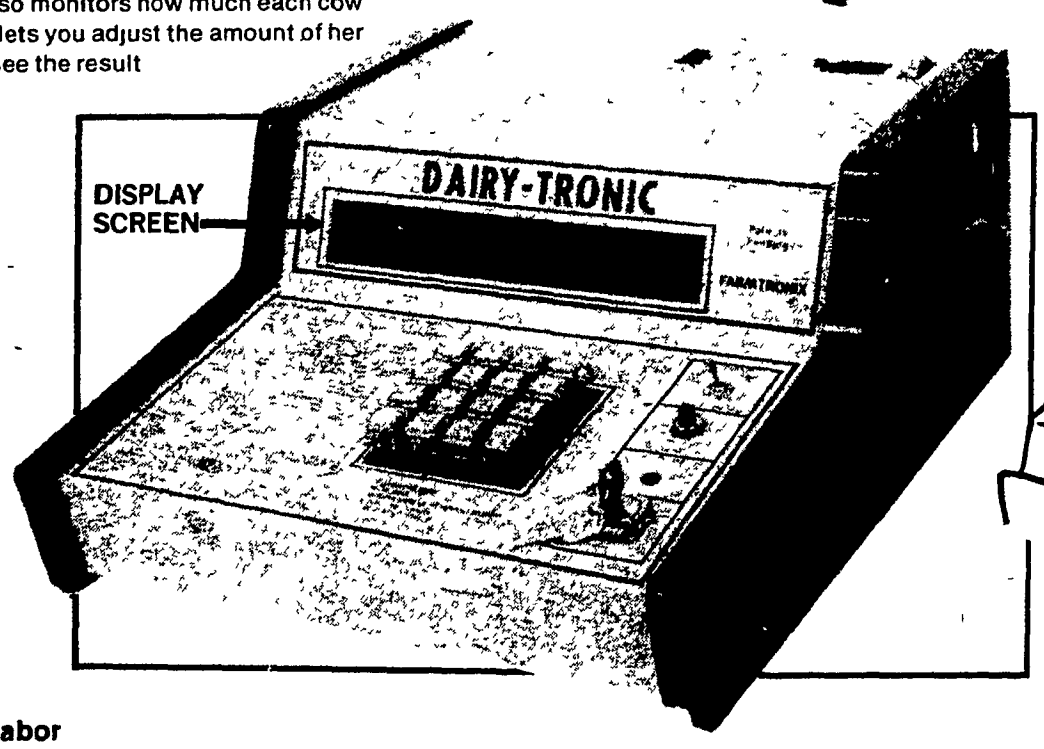

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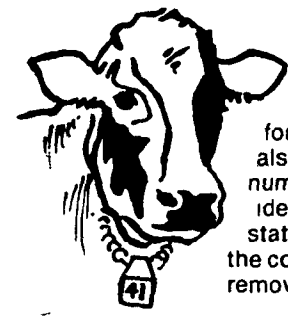

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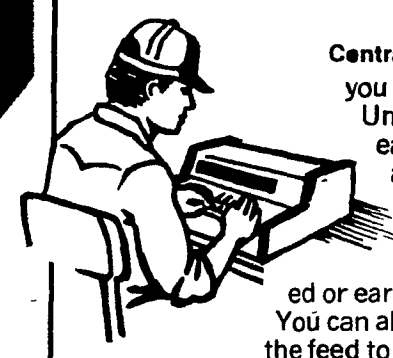

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Lots of turkey for the holiday

WASHINGTON, D.C. — There's good news for holiday meal planners. Turkeys and cranberries, and fruits and nuts, will be in plentiful supply this month, according to U.S. Department of Agriculture marketing specialists

The marketing specialists say shoppers should be able to find just the right size fresh or frozen turkey at an attractive price, especially when compared with prices of a year ago. Supplies for November are expected to be 20 to 25 percent larger than both last November levels and the 1978-80 average.

Fresh cranberries, apples, winter pears, dried prunes, raisins, sweet potatoes, rice and dry beans will also be plentiful, as well as peanuts and filberts. Record crops of California almonds and walnuts are expected, and pecan production will be 84 percent larger than last year's drought-stricken crop.

While pork and broiler-fryers will be plentiful, beef will continue in adequate supply during November, averaging 1 to 3 percent below a year earlier and about 4 percent below the 1978-80 average for the month.

Milk and dairy products will be plentiful, with milk output continuing above levels of last November. Eggs will be sufficient to meet normal needs.

Look for adequate supplies of potatoes, onions, and other fresh vegetables; fresh grapes, oranges, lemons and grapefruit; canned frozen and chilled citrus juices; canned noncitrus fruits and juices; frozen snap beans, sweet corn, and green peas; dry peas and processed vegetables, including canned sweet potatoes for the coming holiday season.

Frozen spinach will be plentiful, but canned tomatoes and tomato products, as well as frozen lima beans, will be in tight supply.

Favorite dishes

(Continued from Page B6)

CHOCOLATE AND VANILLA PUDDING

3 c. milk
1 c. granulated sugar
2 egg yolks, beaten
3 T. cornstarch
1/4 t. salt
1 T. butter or margarine
1 t. vanilla

Cook until thickened. Chill, then top with the following.

Beat egg whites until stiff, add 5 T. granulated sugar and 1 ounce melted chocolate.

Continue to beat until meringue has a sheen, then spread on pudding.

Mrs. Luke Wise, Lebanon

PUMPKIN PIE

2 c. pumpkin
3/4 c. firmly packed brown sugar
2 t. cinnamon
3/4 t. salt
3/4 t. ginger
1/2 t. nutmeg
1/4 t. mace
1/8 t. cloves
4 eggs, slightly beaten
1 1/4 c. light cream

Preheat oven to 400 degrees. Combine pumpkin and brown sugar in a large mixing bowl. Beat until well blended. Stir in spices; blend thoroughly. Add eggs; gradually stir in cream. Pour into pie shell and bake 45 to 50 minutes or until a knife inserted near center comes out clean. Cool on wire rack to room temperature. Serve garnished with whipped cream.

Turkey roasting without tears

LANCASTER — Roasting a turkey is simple. Right? When you taste some of the dried out, tough, tasteless turkey served these days you may begin to wonder just how simple turkey roasting really is.

The only real trick is roasting a turkey, according to Marcell A. Seckman, Extension home economist, is following good, simple instructions. Proper roasting with low temperatures assures better flavor and appearance, less shrinkage, and less loss of the natural juices.

Seckman offers some guidelines for a golden-brown, delicious bird:

—Rinse, drain and dry the turkey. Rub the inside with salt if you aren't going to use a stuffing.

—If you do plan to stuff the turkey, allow about 3/4 cups of stuffing per pound of turkey. Fill first the neck cavity, then the body cavity lightly. Stuffing expands as it cooks and needs room to do this.

—Fasten the neck skin to the back of the turkey with a skewer. Tie the legs to the tail.

—Fasten the wings to the body using skewers or string.

—Place the turkey, breast-side-up, on a rack or shallow roasting pan. Brush the skin with butter or fat.

—Insert a meat thermometer in the center of the inside thigh muscle or in the thickest part of the breast meat. Be sure that the thermometer bulb doesn't touch the bone.

—Place the turkey in the oven and set the temperature to 325°. There's no need to pre-heat. If you want, baste or brush the bird occasionally with pan drippings or butter. This enhances the appearance of the skin but does not affect flavor.

When the turkey is about two-thirds done, cut the cord at the tail to release the legs and to permit the heat to reach the heavily-meated part. Cover the legs and breast with a loose tent of aluminum foil to prevent excessive browning.

Roast until the meat thermometer in the turkey reaches 180 to 185 degrees Fahrenheit The thermometer in the dressing should reach at least 165 degrees. If you don't have a thermometer, read the package label or check in your cookbook for an approximate roasting timetable.

Cool the roasted turkey for about 20 minutes to make carving easier.

Steaming with a covered roaster or aluminum foil is another method you can use to prepare turkey. This method allows you to use a higher temperature and shortens cooking time. It does, however, increase moisture loss from the carcass.

Opening the roasting vent or puncturing the soil wrap allows some of the steam to escape. You may want to brown the turkey for at least 30 to 40 minutes to give it the golden-brown look typical of the turkey.

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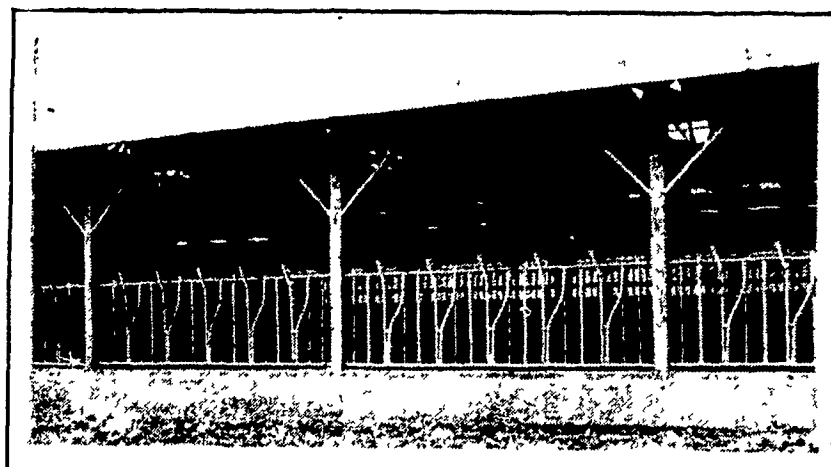

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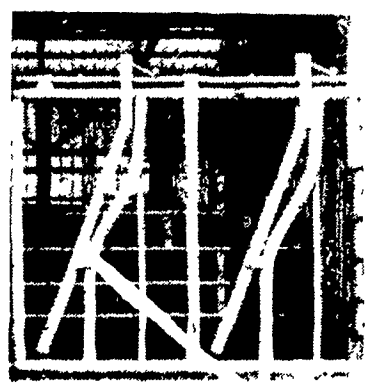

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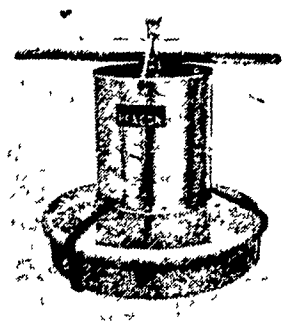

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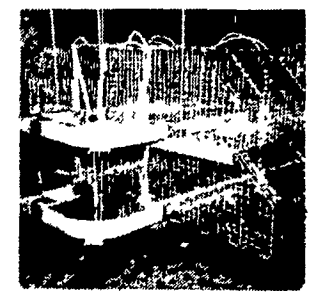

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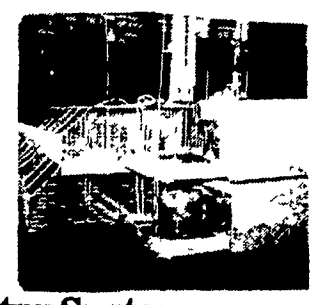

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For turkey producers, success is a year-round welcome

LANCASTER — Turkey farmers promote their product as a meat for all seasons, but the fall holidays still have a special meaning to them. This is their best time of year.

Almost half of the turkey Americans eat is gobbled up between October and December. And peak demand often means peak prices. In 5 of the last 6 years, U.S. average prices received by turkey producers hit their annual highs in November or December.

Producers want to change the seasonal notion Americans have about turkey and help boost income year round.

"Our goal is for consumers to treat turkey as they would any other meat," says Lew Walts of the National Turkey Federation. The federation and several other industry groups have been running campaigns to get consumers to buy their product throughout the year.

Success has been slow, but steady. Turkey consumption increased an average of 5 percent a year during the 1970's, faster than the increase in population.

"We are definitely eating more turkey," says USDA economist Allen Baker. "Back in 1940, an average American ate just short of 3 pounds a year, less than a third of what we eat today." Even 10 years ago, we ate only 8 pounds each. But, by 1980, per capita consumption reached 10.5 pounds. This year consumption is expected to remain just about the same.

"In coming years, when turkey is more widely used in different kinds of products, we can expect the consumption figures to increase," Walts says. With the advent of turkey ham, franks, and bologna, turkey is now competing in markets traditionally dominated by other meats.

Turkey is attractive to processors because of price. It's cheaper than competing meats. Per pound, food processors usually pay around 46 percent more for beef and 34 percent more for pork.

But, processed products such as luncheon meats and hot dogs are just one side of turkey's "second industry." Fresh cut-up parts are another.

"Turkey parts are relative newcomers to meat counters," Walts says. But consumer acceptance has apparently been encouraging. One east coast grocery chain reports sales of fresh and frozen turkey breasts more than doubling in the last decade.

"In the last 5 years, we've seen tremendous growth in these secondary areas," Walts says. "In fact, only about half the turkeys marketed today are whole and two-fifths of those have been processed in some way that makes cooking easier, such as prebasted birds.

"Five years ago, only about 35 to 40 percent of the turkey crop went to the cut-up and processed markets. In 1981, we can expect to use almost half of the crop for this purpose," Walts says.

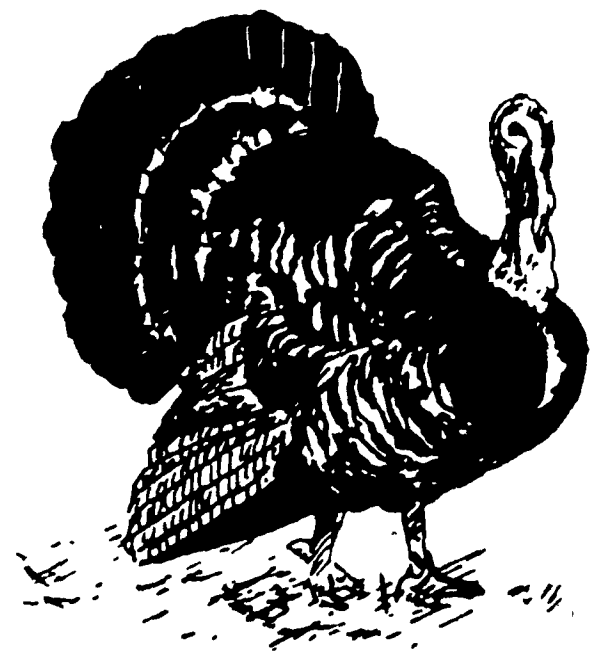
The success in selling consumers on turkey's other uses stems partly from the efforts of producers, breeders, and scientists to improve the flock.

"Modern birds have been bred for thick thighs and meaty drumsticks," Walts says. "In fact, the average dress-out weight (the actual meat from the bird) is around 80 percent of the total weight. (Consider the dress-out rate for a steer at only 46 percent.) This meat-to-bone ratio makes turkey a particularly good buy at the retail counter.

Another reason for increased turkey sales is the price relationship with beef and pork. As these two rise, turkey sales increase.

The retail price, however, is hard to forecast. Economists have noted that retail prices for turkey don't respond predictably to such normally strong indicators as supplies, consumer incomes, and prices of competing meats.

However, some economists are betting that this year's holiday prices will be below those of last year. "On the wholesale level, prices for young hen turkeys in New York may average 70 to 73 cents per pound, compared with last year's 73 cents," Baker says. But, he adds, "Retail prices can vary widely due to competition and store 'specials,' especially during the holidays."



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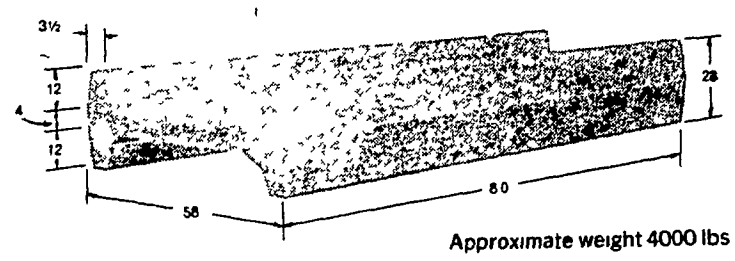

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Farm Women Societies

Lancaster Co. Society 6

Lancaster Society 6 met at the home of Mrs. Musser Heisey in Mt. Joy, recently.

Nineteen members attended the meeting.

Guest speaker for the event was Mrs. David Hawthorne who gave a book report and drawn illustration of "My green tree." It is the story of a boy and a green tree who loved each other from the time of its leaves and fruit until it was nothing but a stump as they grew old and shared together.

Lancaster Co. Society 10

Lancaster Co. Society 10 met for their November meeting at Luther Acres for a noon meal. After the meal, members toured the home.

The December meeting will be a Christmas party at the home of Wanda Cox.

Lancaster Co. Society 14

Farm Women 14 met at the home of Miriam Groff Wednesday, November 11, for a mystery luncheon.

Roll call was answered by telling a traditional holiday food.

President Miriam Leaman reported on the recent 64th Annual Lancaster County Farm Women Convention. There are now over 1,000 members in Farm Women societies.

Members voted to give monetary donations to the following organizations: LARC, Water Street Mission, Salvation Army and Christ Childrens Home.

Those wishing to exchange gifts should bring a $3 gift to the Christmas meeting to be held Wednesday, December 9, at 1 p.m. at the home of Ada Rohrer.

Lancaster Co. Society 19

Lancaster Society 19 met recently at the Canterbury House in Palmyra, November 14, for a Thanksgiving banquet.

Entertainment for the evening was "Transportation of Yesterday" by Clarence Groff.

Members were reminded of a December 5 deadline for ordering Christmas nuts.

The next meeting will be a trip to the live Christmas tree and a tour of Liberty Mountains, Lynchburg, Virginia.

Lancaster Co. Society 21

Lancaster Society 21 met at the home of Connie Groff on November 12 with 17 members and 2 guests attending.

Each member answered roll call by telling a new product each has tried.

The Society plans a Christmas party for December 10 at Leon Kreider's at the Buck. Featured will be a covered dish meal and a gift exchange.

Members will sponsor Wendy J. Vannoy of Kirkwood for the Miss Solanco pageant. Wendy will present a trumpet solo.

Following the business meeting, members participated in a contest and tasting party of apple and pumpkin treats.

Lebanon Co. Society 5

Lebanon Farm Women Society 5 met in the home of Esther Hutter recently with 12 members attending.

Alletta Schadler of the county Extension office gave members a program-full of ideas for the holidays.

The next meeting will be at the home of Ruth Geesaman on December 1 at 7 p.m.

Berks Co. Society 1

A pre-holiday feast was enjoyed by Berks Society 1 at the home of Martha Levan in Oley Valley.

Each member brougt a favorite dish which each member then sampled. On the list was fruit cup, turkey, candied potatoes, dried corn, scalloped oysters, cranberry mold, red cabbage, chicken salad, macaroni salad, sandwiches, mince and pecan pies, cake, coffee and punch.

Lillian Hetrick, Pauline Hartman, and Ruth Walters were selected to attend the state convention of the Farm Women of Pennsylvania on January 11 and 12.

The husbands of Society 1 members will be featured guests at the Christmas dinner, scheduled for December 2, in the Lincoln Diner.

Berks Co. Society 12

The November meeting of the Society 12 was held at the Bernville home of Helen Schlappich.

The members sent a check to Timothy Lash who was injured in an accident.

Members made pumpkin desserts and exchanged them at the meeting.

The next meeting will be a Christmas party at the Mohrsville, R1, home of Glenna Hix. It will be held December 11, at 7:30. Each woman should bring a covered dish.

Berks Co. Society 9

The November 7 meeting of Berks Co. Society 9 was held at the home of Kim Casner, with 10 members present.

The treasurer reported a balance of $306.34.

The Christmas party will be on December 11 at 8 p.m., at Schaffer's Restaurant in Boyertown.

The county hoedown made a profit of $50.88.

The state convention will be held in January. A motion was made and seconded to spend $50 on gifts for the Hamburg Center for Christmas gifts.

The meeting ended with Kim Casner demonstrating wheat weaving and Edna Spotts demonstrating the making of angels and snowmen.

F.W.S. Calendar

Saturday, November 21

Lancaster Co. Society 3 meets with Irene Dankers for a program with Mrs. Jay Rodgers

Lancaster Co. Society 18 meets with Bill Byers for "Energy Conservation in the Home"

Lancaster Society 12 meets for a safety program by the police department

Lancaster Society 4 meets with representatives of Hospice at the home of Mary Troop

Monday, November 23

Berks Society 5 meets with Rhea Schoener to hear Fay Strickler demonstrate making crepes

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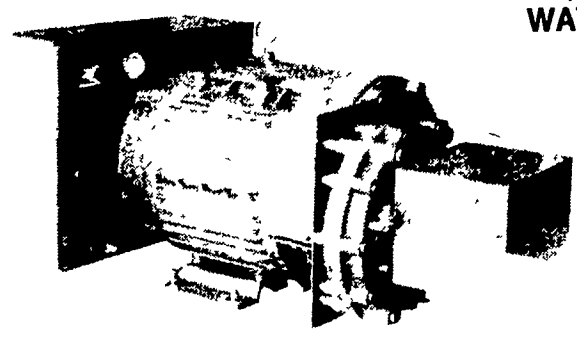

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Ida's Notebook

Ida Risser

As one becomes older, it is so easy to become set it one's ways.

Everyday we have a set routine of dressing, eating, brushing teeth, making beds, etc. And when things happen to break this procedure we can become upset.

When we were younger and children filled the household, it was more difficult to follow a schedule. But now that they have gone off to college, it is so easy to be nit-picky. Everything must be in its proper place and stay there. So when they come home for a weekend, I think the place looks like a hurricane hit it. Books, backpacks, jackets, shoes and papers everywhere — but, I'm so glad to see them.

However, I've learned that many things have to change. Other years, in the fall, I'd try to schedule a day to wax the car when someone was here to help me. But this year I managed to wash and wax two cars in one afternoon by myself — although, it didn't do any good for my elbows and shoulders. Another limbering up job was raking and hauling out the maple tree leaves. Formerly, I'd always piled them for the children to haul when they got home from school but not this year.

Even emptying and defrosting the freezers can be done quicker with four hands than with only two. I've also learned to put up some of my pea fences in the spring without any help. Unrolling a 100-foot fence alone, without catching it on the tender plants, is a real feat.

As for right now, I think I'd better plan to make some pies on Wednesday. This year I hope to make not only pumpkin but also apple-cranberry pie as well.

We usually have a 24 or 26-pound turkey split in half so that we can use the second half for Christmas. After I stuff the cavity, I cover the filling with aluminum foil and then put the bird in a brown paper bag. This not only gives me a moist and golden brown turkey without basting, but also keeps my oven from being spattered.

Clothing specialist joins Extension staff

UNIVERSITY PARK — Pamela Sue Cutright has been appointed to Penn State's Cooperative Extension Service staff as clothing and textiles specialist.

In her new position, Cutright will provide statewide leadership for Extension educational programs in clothing and textiles through in-service training, resource materials, teaching materials and publications.

Before her present appointment, she served as clothing and textiles specialist in Montana, where she developed a computerized program on stain removal, as well as programs on managing the family clothing budget based on individual clothing needs. She also worked extensively with the 4-H clothing and textiles program, something she is looking forward to doing in Pennsylvania.

Cutright has been an Extension clothing and textiles specialist in North Carolina and was a buyer for J.C. Penney Co.

A native of Clarksburg, West Virginia she holds a bachelor of science degree in home economics and art from West Virginia Wesleyan University and a masters of science in clothing and textiles from the University of North Carolina at Greensboro.

Cutright is a member of the American and Pennsylvania Home Economics Associations

Fulton Grange 66

Fulton Grange 66 met in regular session November 9 at their hall in Oakryn.

Master J. Everett Kreider, presided at the business session when a $50 donation was given to help defray expenses of the Solanco High School FFA students attending the National FFA convention in Kansas City.

Women's Activities Committee chairman, Betty Wise, announced that they are accepting orders for three-pound Christmas gift packages containing six kinds of cheese.

Fulton Grange accepted an invitation to attend the December 3 meeting of Russellville Grange and present part of the program when Corn and Pie Night will be observed.

The theme for the program was "Harvest Night" and was in charge of Ceres, Doris Fite; Pomona, Mary Campbell; and Flora, Doris Hough.

Many members took part in the "Make It With Apples" contest which was used as part of the refreshments.

The program for the next meeting, November 23, will include a report of the National Grange' convention at Spokane, Wash. by Mr. and Mrs. William Rhoades and entertainment by the Lancaster Co. Farmers Association Square Dancers.

Broiler chick placement down

HARRISBURG — Placements of broiler chicks in the Commonwealth during the week ending November 7 were 1,995,000 according to the Pennsylvania Crop Reporting Service.

The placements were one percent below the corresponding week a year earlier and seven percent below the previous week. Average placements during the past nine weeks were one percent below a year ago.

Placements in the 19 key poultry producing states were 63,313,000, 12 percent below the previous week and one percent above the same week a year earlier. Average placements in the 19 key states during the past nine weeks were three percent above a year ago.

Broiler-fryers slaughtered in Pennsylvania under federal inspection for the week ending October 28 totaled 1,586,000, with an average liveweight of 4.13 pounds.

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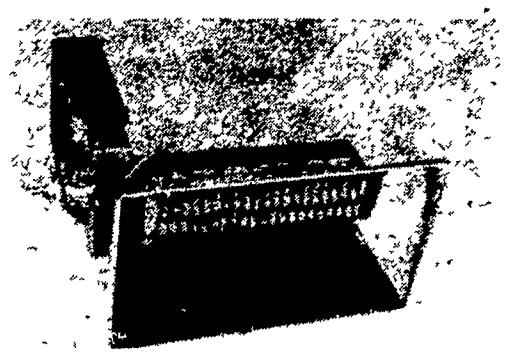

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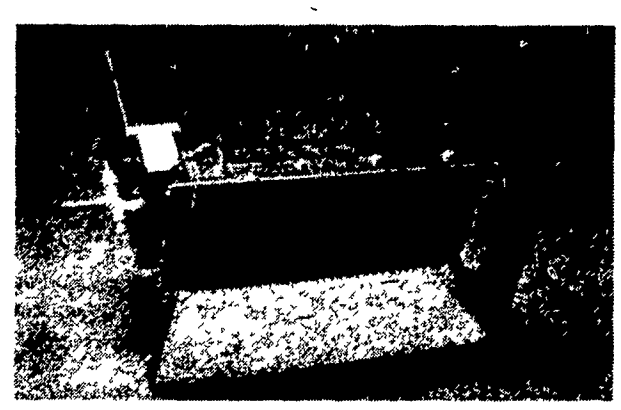

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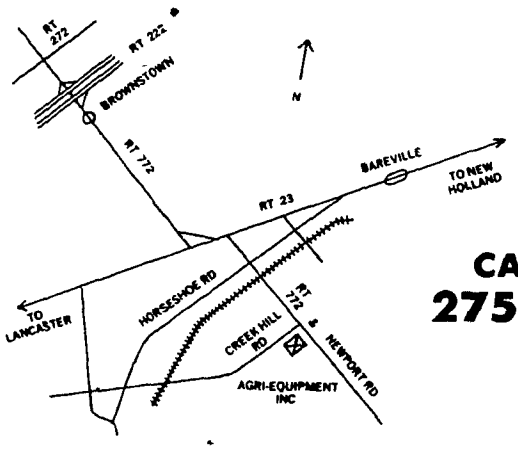

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Here's a book you might want

LANCASTER — Ever wonder why crows put ants under their feathers? Can you guess which plant has a seed the size of a basketball? Baffled as to why hyenas laugh?

Give up? Then turn to Ranger Rick's Answer Book for the explanations. This new hardcover anthology of nature lore is written for children five to 12. Its 96 pages are filled with questions and answers about geology, plants, weather, and animals and they're illustrated with full-color photographs, diagrams, and cartoons.

So why do crows put ants under their feathers? Other birds behave in this unusual manner too, and scientists guess that the ants may eat lice and other pests which live in the bird's feathers. Another explanation: Many ants' bodies contain a sharp-smelling liquid called formic acid. When a bird crushes an ant and puts it under its feathers, the formic acid may clean the feathers or kill small pests.

According to Ranger Rick's Answer Book, the world's biggest seed is the rare Coco de Mer coconut, which grows on islands in the Indian Ocean. Hundreds of years ago, it was believed that liquid drunk from a goblet made from a Coco de Mer would be free of poison. Those days, monarchs worried a great deal about being poisoned by ungrateful subjects, so they were willing to pay thousands of dollars for a magic Coco de Mer goblet.

If that's got you giggling, the hyena's howl is really no laughing matter. The spotted hyena lives in Africa and prowls in packs during the night. The mammals call to one another with raucous barks and hysterical howls that sould just like crazy human laughter.

Young readers of Ranger Rick's Answer Book will also learn that all fish have ears, that snakes are deaf, and that the bald cypress tree has bark-covered knees, which grow upward out of long shallow roots that spread out from the tree.

The book will also lay to rest some common misconceptions. For example, racoons don't really wash their food. It just looks that way. These masked animals catch most of their food in shallow water, feeling around with their paws for crayfish, tadpoles, and small fish, which they then pop into their mouths. And crocodiles don't really eat their babies. The mother crocodile gently carries her just hatched litter in her mouth and deposits them in the water. This protects the baby crocs from hungry hawks and herons.

Finally, there are some answers in the nature book for parents, for almost every child asks sooner or later such questions as, "Why is the sky blue?" Ranger Rick's Answer Book explains that when light leaves the sun it is a mixture of several colors, including red, yellow, blue, and violet. But when these colors hit the earth's atmosphere, the red and yellow pass through in a fairly straight line, while the blue and violet get bounced and scattered by the air's molecules. So the sun looks yellow because that color comes to our eyes almost directly, while the blue and violet approaches us from all directions, making the sky look blue.

Ranger Rick's Answer Book is available for $8.95 from the National Wildlife Federation, 19223 DV, 1412 16th Street, N.W., Washington, D.C. 20036. Include $1.15 per order for handling.

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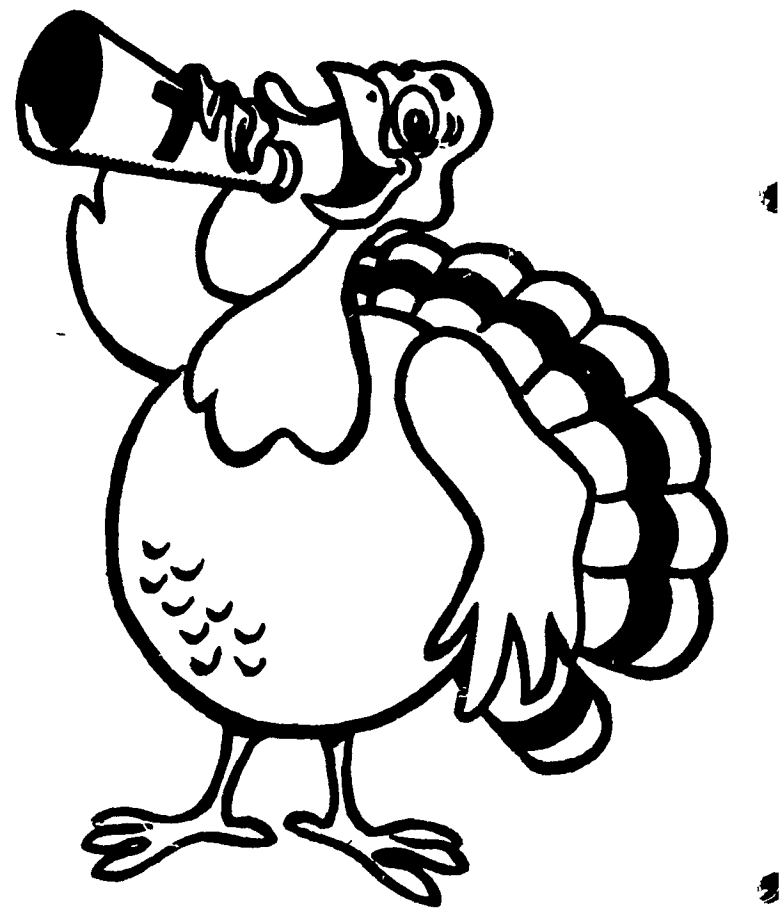


York Co. team attends nat'l meats contest

YORK — The York County 4-H Meats Team represented Pennsylvania at the National 4-H Meats and Identification Contest held in Kansas City, Missouri, on November 12. Nineteen states participated.

Mike Coons, York, was high individual in the national contest in Meat Identification. Mike had 297 points out of a possible 300. This is the third year that York County members have earned this title. Tammy Eisenhour, Wellsville, was second with 294 points. The York County Team placed second with 861 and Alabama with first with 873 points.

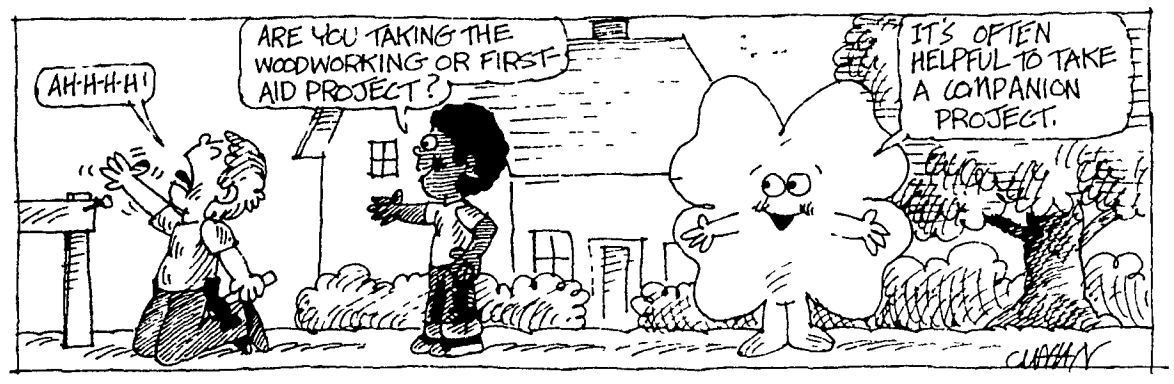
In the Pork Judging division, Chris Shive, Seven Valleys, was fifth with a score of 145 and the high individual had 146 points out of a possible 150. York's team placed ninth with 364 points out of a possible 450 and Wyoming was first with 427.

In the Retail Judging division, York's team was eleventh with 376 out of 450. Nebraska was first with 413.

In the Beef Judging division, the team was third with 404 points. Oklahoma was first with 410 points out of a possible 450. When the total judging areas were added to the Meat Identification, the teams ranked first, Virginia 2065; second Alabama 2035; third Wyoming 2032; fourth Nebraska 2009; fifth Illinois 2003; sixth Pennsylvania 1990.

The other team member was Nancy Eisenhart, Thomasville. The team was accompanied by Ken Gentzler, Yorkco Meats, and Anthony G. Dobrosky, county agricultural agent. The other coaches were Tim Beck, Seven Valleys and Kathy Sunday, York.

CHRIS CLOVER



Cherryville homemakers meet

FLEMINGTON, N.J. — Members of the Cherryville Homemakers 4-H Club made ten garments for the Needlework Guild of America — their annual service project.

Spice ropes and clothespin dolls were made for the Northeast Leaders Craft Show held recently in Ocean City. The club entered a scrapbook in the County 4-H Scrapbook Contest, which took second place in its division.

Congratulations go to the club's county medal winners: Ericka Zipfel, Shirley Lefebvre and Betty Benedik.

Members plan to participate in the 4-H Holiday Workshop, set for Friday, December 4.

Two new members, Robin Heflitch and Michelle Saums, joined the club, notes Cheri Keefer, club reporter.

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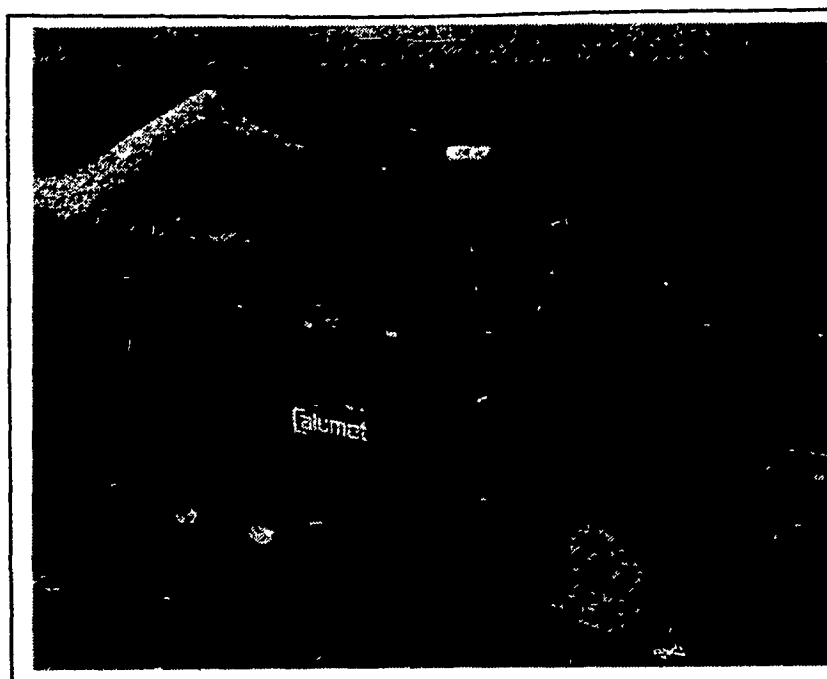


Like money in the tank

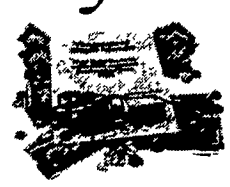
Invest in a Calumet Vacuum Tank with soil injector.

Liquid hog manure can save you several thousands of dollars in commercial fertilizer costs. That's why it pays to invest in Calumet.

Pick the tank size that fits your herd—from 1180 to 4500 gallon capacities. Choose from three vacuum pumps—177 CFM, 247 CFM or 353 CFM—for fast filling. Select PTO powered at 540 or 1000 RPM or optional hydraulic motor drive.

Then put those liquid assets to work with a Calumet 2 or 4 shank soil injector. Injecting helps retain four times the nitrogen usually lost in surface spreading. And you'll reduce odor and runoff problems.

You'll get long term dividends too. Calumet tanks are engineered for years of efficient, low maintenance operation. Heavy duty steel alloy tanks are epoxy coated to resist corrosion. Double reinforced A frames and support skids add strength for heavy loads. All Calume products are backed by a 12 month warranty.



So start profiting from the fertilizer produced on your farm. Get a Calumet vacuum tank and soil injector. It's a tank you can bank on.

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12' Better Bilt Auger Pump
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Chester Co. lamb sale proves successful

WEST CHESTER — The annual Chester County 4-H Market Lamb Show and Sale held at Vintage Sales Stable on October 27 was a huge success.

Southeast National Bank of Atglen was the buyer of the 120 pound Champion Cheviot cross owner by Donna MacCauley of Atglen. Southeast, represented by Mrs. Cloud, paid $2.15 per pound for the lamb, and then resold it at the end of the sale to Vintage Sales Stable for $1 per pound. The money was then donated back to the Golden Fleece 4-H Sheep Club of Chester County.

Keith Bryan, Media, exhibited the Reserve Grand Cahmpion, a purebred 100 pound Dorset lamb which was purchased by Ferranti and URSO of Philadelphia for $.98 per pound.

The Lightweight Champion was exhibited by Jeff Baroni of Downingtown and was purchased by Downington National Bank for $.92 per pound. The sale average $.89 per pound with the champions and $.81 per pound without the champions.

Buyers of the Champion and Reserve Champion lambs were presented trophies donated by Warn G. Menhennette, Cochranville

Buyers included Cruetzburg Inc., Farm Supplies of Paradise; Lemeheny Butcher Shop, Parkesburg; Irv Niemyer, Newton Square; Sheep Hill Ranch, Mountville; John D. Stauffer, Manheim; Vintage Sales Stable, Paradise, Gene Liesau, Spring City, E. Fairbairn Contractors, West Chester; Randy Rank Enterprises, Paradise; Jim Hill, Kemblesville.

Eighteen lambs were shown earlier that day at the farm of Bill and Joan MacCauley.

Jim Janek, representative of the Southeast Farm Credit Service, West Chester, presented all weight champions with hand shears donated by Farm Credit. Bill Fairbairn, from Genetics Unlimited, Inc., West Grove, was judge for the show.

Results are as follows:

Lightweight I

1. Mary Grace Myers, West Grove. 2. Meg Myers, West Grove. 3. Ernie Barrett, Cochranville. 4. Kurt Barrett, Cochranville.

Mediumweight

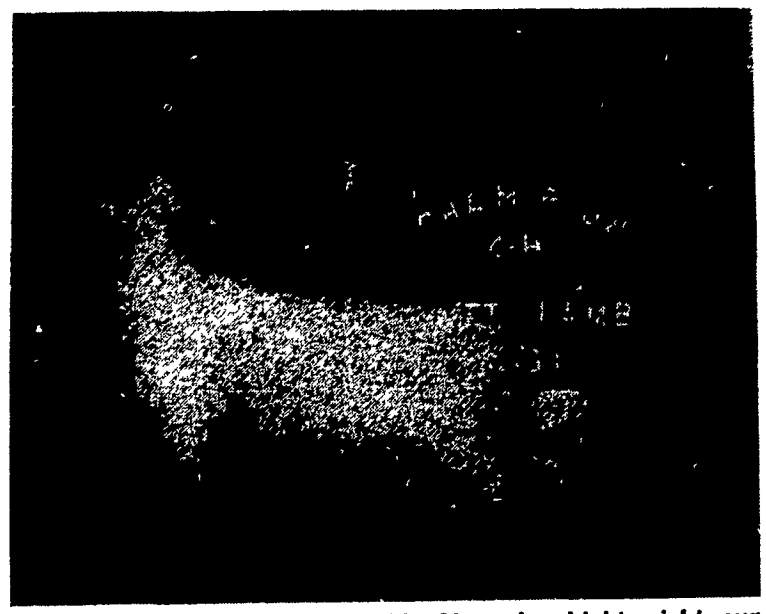
1. Keith Bryan, Media. 2. Ernie Barrett, Cochranville. 3. Kathy Hawthorne, Coatesville. 4. Nancy MacCauley, Atglen. 5. Kathy Hawthorne, Coatesville.

Mediumweight II

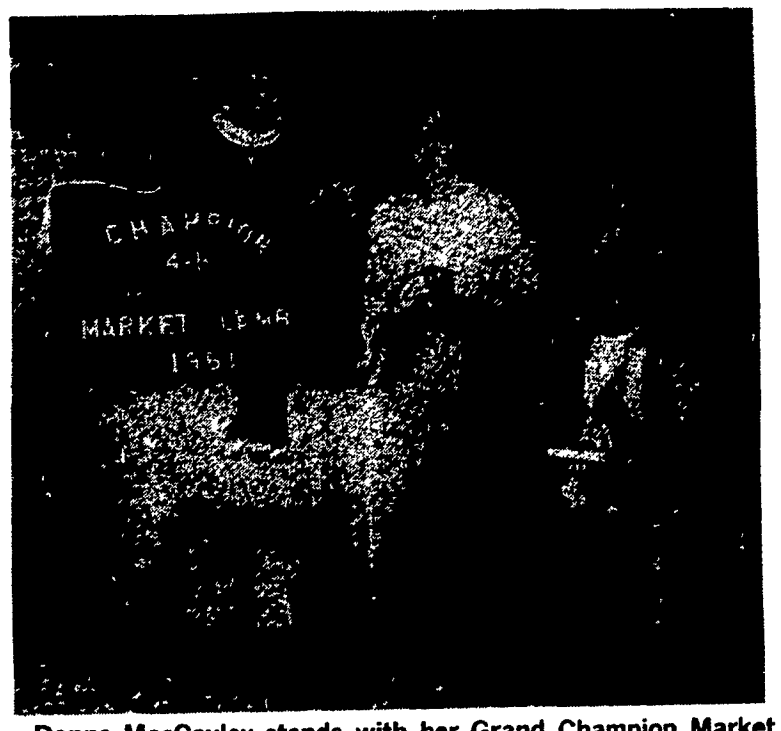
1. Donna MacCauley, Atglen. 2. Jeff Baroni, Downingtown. 3. Scott Stroud, Landenberg. 4. Scott Stroud, Landenberg.

Lightweight II

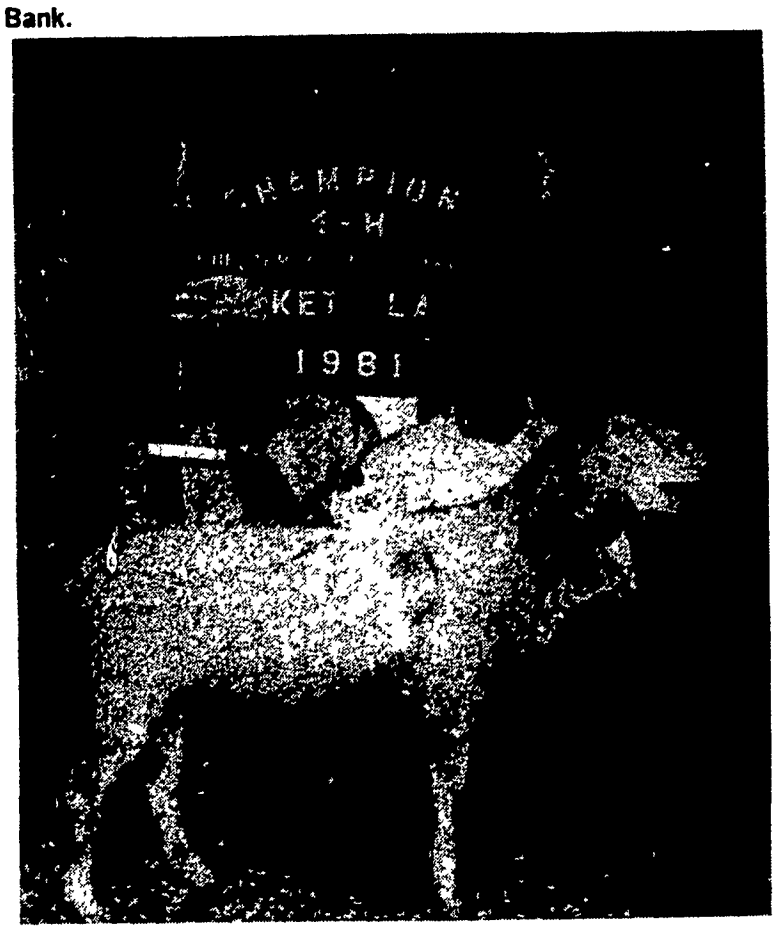
1. Jeff Baroni, Downingtown. 2. Keith Bryan, Media. 3. Sarah Holmes. 4. Steve Gontarz 5. Robbie Holmes.



Jeff Baroni is pictured with his Champion Lightweight purchased by Downingtown National Bank for $.92 per pound.



Donna MacCauley stands with her Grand Champion Market Lamb purchased by Southeast National Bank of Atglen for $2.15 per pound. Pictured with Donna is Mrs. Cloud, manager of the bank and Robert L. Gordon, vice-president of Southeast National Bank.



Bob Frame, Vintage Sales Stable, poses with Keith Bryan and his Reserve Grand Champion Lamb purchased by Ferranti and URSO of Philadelphia for $.98 per pound.

Food chain links farmers, consumers

LANCASTER — Last year, consumers spent $262 billion on United States farm-produced foods. About $182 billion of that was to get the food from the farm to the table. The food was assembled, inspected, graded, stored, processed, packaged, wholesaled, and retailed — more than 400 million tons of it.

Farm-City Week is being observed November 20-26. This is a time to call attention to the fact that agriculture is everybody's business.

4H

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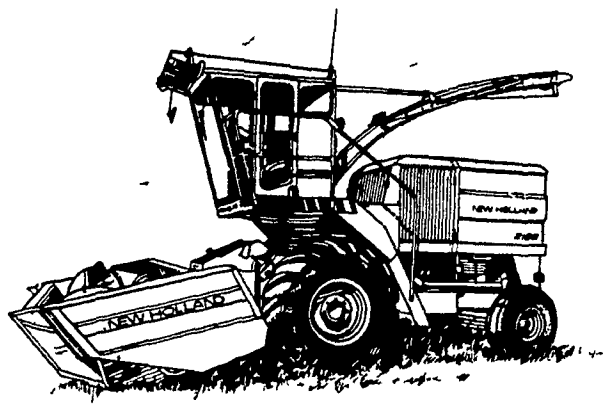
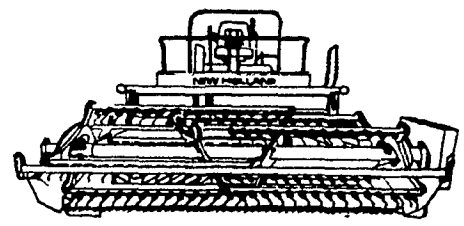
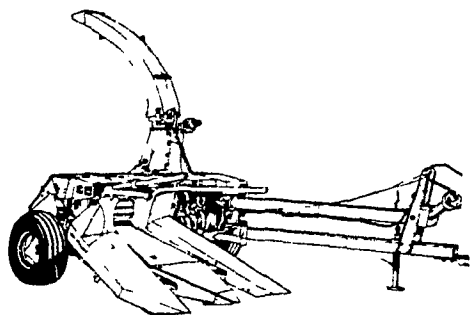
SPERRY NEW HOLLAND NOW HAS CASH REBATES OR FREE FINANCE ON HAY TOOLS 'TIL JUNE 82 AND FORAGE 'TIL AUGUST 82

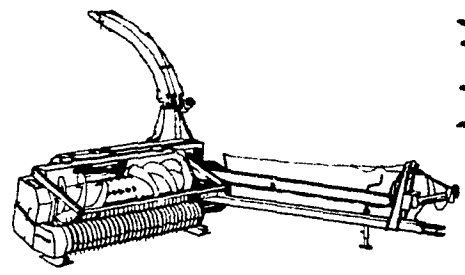




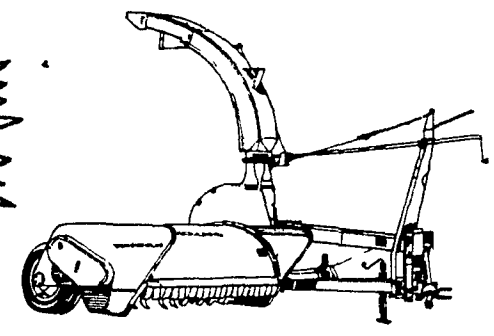
MODEL 1495
CASH REBATE OF $1900

BIG REBATES ON S.P. HARVESTERS - $6300 ON MODEL 1900 OR 2100



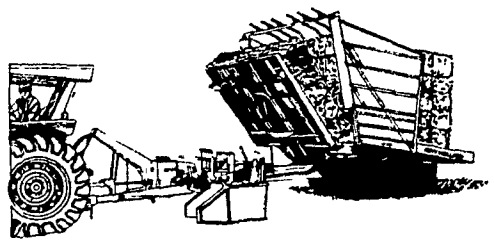


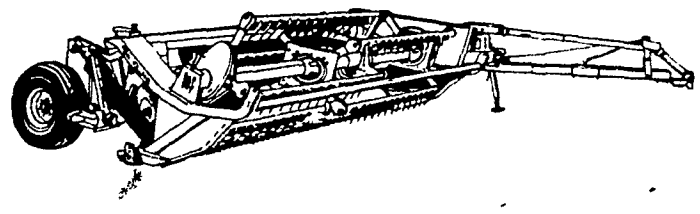
HURRY - THESE REBATES LAST UNTIL THE END OF NOVEMBER



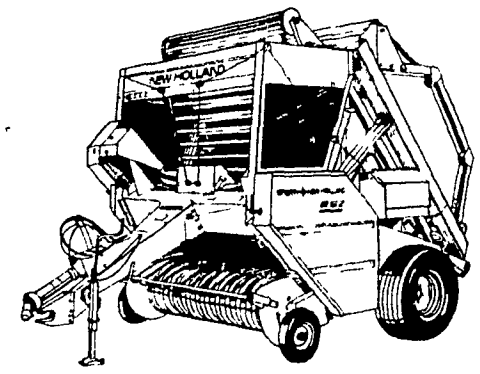
REBATES OF $1000 ON 782 AND 892 PULL TYPE HARVESTERS

REBATES OF $300 ON FLAIL CHOPPERS, FORAGE BOXES DISC MOWERS AND MODEL 85 BALE HANDLERS

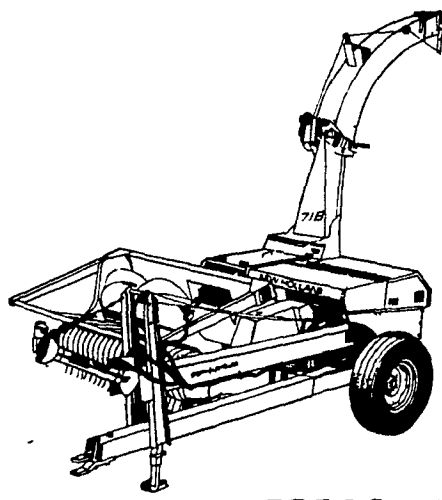


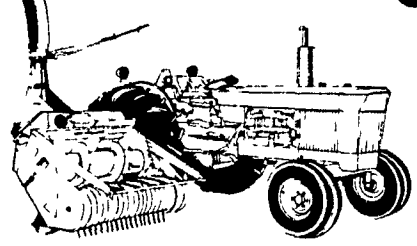


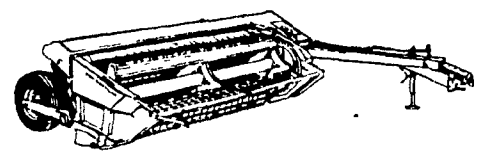
$700 REBATE ON



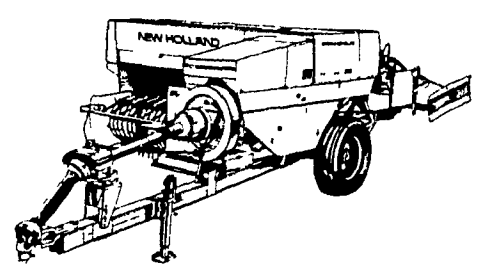
BALE WAGONS - MODELS 1002, 1003, 1036, 1037; MOWER CONDITIONER MODEL 495; ROUND BALERS MODELS 846, 847, 857, 852



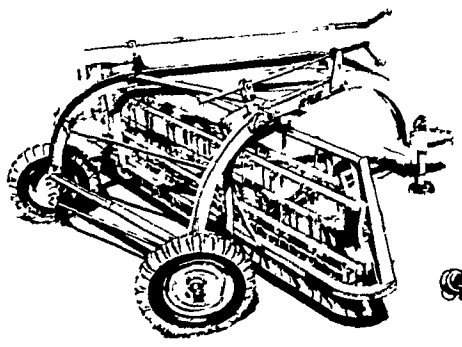


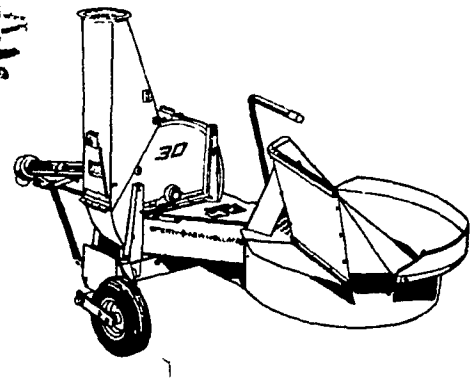


REBATES OF $450 ON

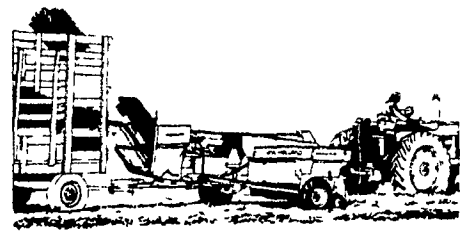


FORAGE MODELS 718, 707; MOWER CONDITIONERS MODELS 472, 474, 488, 489, AND BALERS MODELS 310, 311, 315, 320

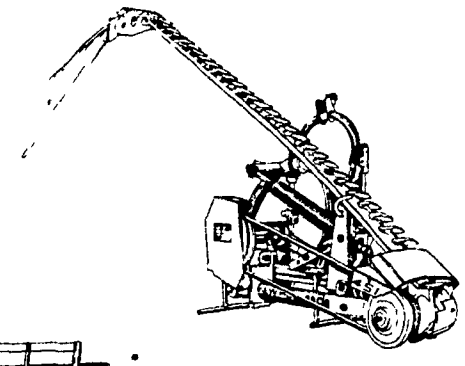


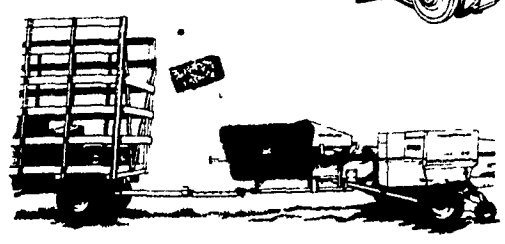


REBATES OF $150 ON RAKES AND BLOWERS



REBATES OF $125 ON SICKLE BAR MOWERS AND BALE MOWERS





4-H'ers receive Farm Credit Award

Dean Sholenberger of Spring Mount, representing Southeast Farm Credit presented the Annual 4-H Farm Credit Award for Outstanding Achievement to (left to right) Barb Patterson of Royersford for rabbit program-senior; Jennifer Bradshaw of North Wales for dairy goat-junior; Dana Trumbower of Hatboro for dairy goat-senior; and Beth Kent of Lansdale for rabbit-junior division. Awards were presented at the Montgomery County 4-H Achievement Night held recently in Kulpsville.

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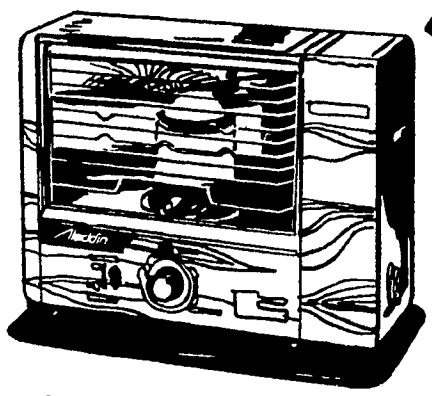
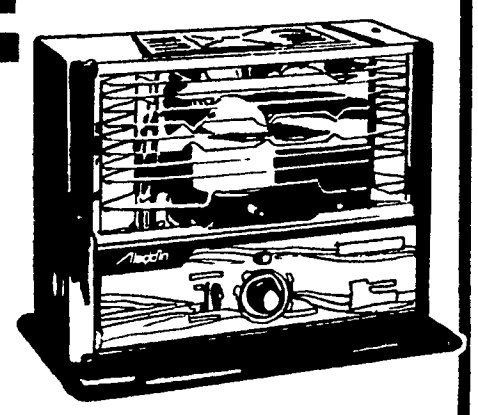


FREE
5 GAL. Kerosene Can
WITH PURCHASE OF HEATER



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TEMP-RITE™ 9
Portable Radiant Kerosene Heater
9,600 BTU's per hour—heats areas up to 20' x 16' Automatic lighting, removable fuel tank, deluxe woodgrain finish. Automatic shut-off if tipped or jarred
Dimensions 23½' x 13" x 17½"

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NOTICE
A. NO LAY AWAYS
B. NO RAIN CHECKS

$159.00
REG. $195.00

TEMP-RITE™ 10
Portable Radiant Kerosene Heater
11,300 BTU's per hour—enough to heat areas as large as 20' x 20'. Automatic lighting, removable fuel tank, deluxe woodgrain finish Automatic shut-off if tipped or jarred
Dimensions 25" x 14" x 18"

Every *Aladdin* Heater has these state-of-the-art features:

- Adjustable heat output
- Automatic lighting—no matches needed
- Automatic shut-off if tipped or jarred
- Long-lasting glass fiber wick
- Lightweight, portable design
- Chrome safety guards
- Polished chrome heat reflectors
- Attractive designer styling

Don't wait for winter's worst! Stop in for a demonstration today.

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National Grange names winners

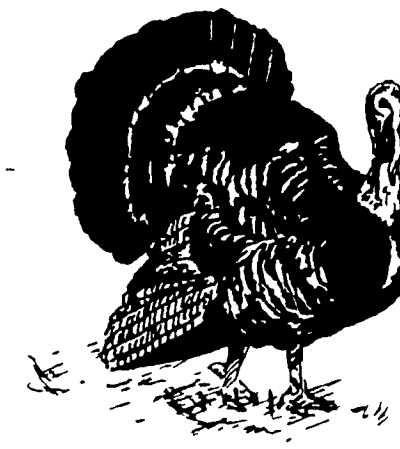
SPOKANE, Wash. — Kathleeen Yappel, 15, of Northfield Center, Ohio is the Grand Award Winner of the 1981 National Grange Sewing Contest, the largest general sewing contest in the country. She was presented a check for $1,000 by the grange and a $500 scholarship from Simplicity Patterns during a Women's Recognition Banquet at the National Grange convention on Thursday, November 12.

Mrs. Mary Buffington of Chadds Fords, PA, Director of Women's Activities for the National Grange and Ilse Sloan, Design Director for Coats & Clark, Inc., announced the Grand Award Winners of the 1981 Needlework Contest. The winners are Mrs. Charles Minor, Jr., Hopewell, VA, (crochet or knit with mercerized cotton), Joyce Anderson, Moses Lake, WA, (crochet or knit with synthetic or blended yarns) and Rena Hudson, Pierpoint, Ohio (embroidery and crafts). Each winner received $500 from Coats and Clark.

First place winners in the Stuffed Toy Contest were (ages 5 - 14) Regina Bailey, Pine Plains, NY; (ages 15 - 21) Jennifer Anderson, Moses Lake, WA; (ages 22 & over) Juanita Davis, Corvallis, OR, and most original, Leslie Rivard, Gaines, MI.

Joy Beatie of Anderson, CA, and Director of Women's Activities for the California State Grange was selected Director of the Year.

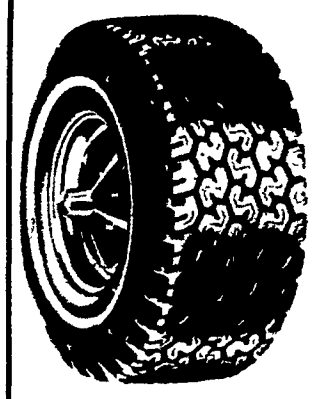
Also announced during the Grange convention this week were best of show winners in the art and photo contest. Winners in the art contest were, adults, Geneve Ballieul, Southwick, Massachusetts, and juniors, Michael Beitler, Schnecksville, Pennsylvania. In the photo contest, adults, Eleanor Newcomb, Greenfield, Massachusetts, and juniors, Theresa Constantine, Kent, Washington.



SNOW TIRE SPECIALS

POLYESTER SNOW TIRES

SIZE	SALE	FET
A78-13	$30.50	1.68
B78-13	$32.00	1.77
C78-14	$32.00	1.77
E78-14	$36.00	2.29
F78-14	$37.50	2.42
G78-14	$39.75	2.57
H78-14	$40.25	2.59
G78-15	$40.50	2.85
H78-15	$42.00	2.71
L78-15	$45.00	2.83
L78-15 Belted Snow	$55.00	2.83
600x15	$33.00	1.85



FREE MOUNTING AND BALANCING ON TIRES

RADIAL SNOW TIRES

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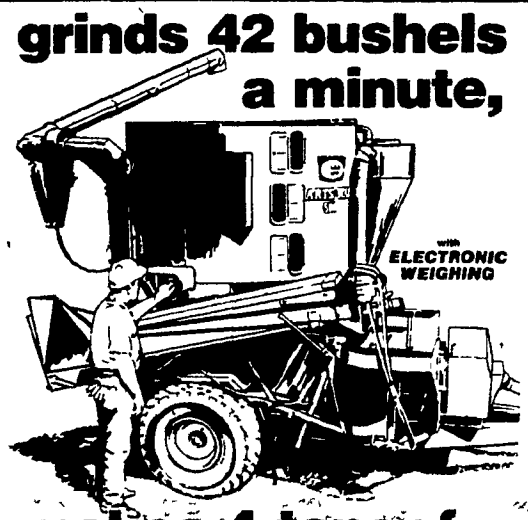

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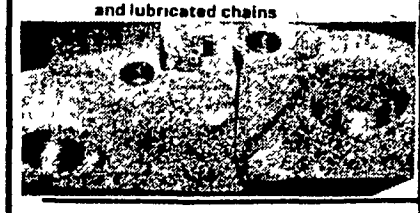

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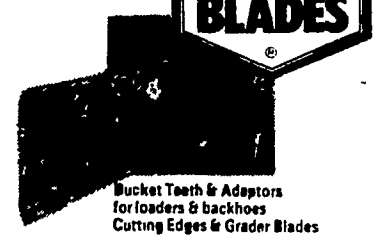

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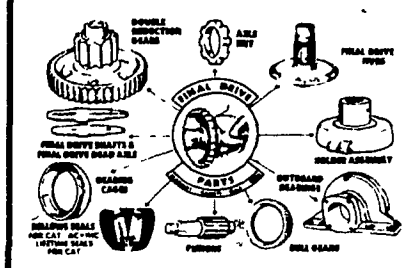

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Says Anne of her daughter, Barbie, "She just loves these sheep, especially the lambs." Here she lambsits a little Dorset as a favor at the "Big E" in Massachusetts.

4-H project becomes family affair

BY DEBBIE KOONTZ

LANCASTER — When first you enter the little dirt lane leading to the farm of the Robert Rohrer family in Quarryville, you get a sense of beauty and simplicity — a warm, comfortable home flanked by your regular aged barn and a few lazy sheep grazing in the pasture.

It's only after you enter the home that you realize what an active and accomplished family you're dealing with.

One step inside the door will offer you a room-full of trophies, ribbons, plaques and banners — all deservingly displayed by the two Rohrer children, Gerald, 15, and Barbie, 10, who won them.

Gerald, in his fifth year of showing Southdown sheep, and Barbie, in her second year, have established qute a name and reputation for themselves not only at local round-ups, but at impressive shows such as the Eastern States Exposition in Massachusetts.

Gerald's and Barbie's lengthy list of awards this year alone, includes premier exhibitor, champion ewe, and seven first places from the Maryland State Fair in August; all four top awards in the Southdown breed (champion and reserve champion ram and ewe) and premier exhibitor at the Eastern National Livestock Show in Timonium, Md; and premier exhibitor, champion ram, champion and reserve champion ewe, and 8 first places out of ten classes they entered at the Eastern States Exposition.

In addition to these honors, Gerald and Barbie received champion ram and champion and reserve champion ewes in the adult competition at the 1981 Farm Show. They won first place in every class they entered in the show.

But getting the Rohrer children to talk about their accomplishments is as hard as counting the number of awards they have received in their years of 4-H. Instead, it is their mother and father, Anne and Robert, who boast, justifiably, about their children.

Anne attributes part of their successful record to the meticulous and patient manner in which Gerald and Barbie work with their sheep. "Gerald, especially, is really a perfectionist in his trimming. He'll take as much as up to six hours to shear a sheep sometimes. He just keeps at it until he's satisfied. Many times when we're at shows, I'll have to tell him to relax and get some sleep. Otherwise, he'd just keep working," Anne relates.

She says she feels this perfectionism and dedication is often the key to their success. "Many national, professional judges comment on his ability to trim so well for his age. They really notice how much time Gerald puts on his sheep."

And what about Barbie's attitude? "She just loves these sheep," says Mom. "She's really good with the sheep, especially the lambs."

Another positive factor behind the Rohrer success streak is that they have developed their own good show string through close, controlled breeding — selecting the outstanding traits of homebred ewes and rams.

They now have ten head on their show string, plus six others: a stud ram and 5 bred ewes.

Out of the nine sheep they show, seven have been champions or reserve champions at various state and national shows.

Robert Rohrer is quick to emphasize that Gerald and Barbie do all the work when it comes to showing and caring for their sheep.

"They take care of them, themselves. I made sure they knew what they were getting into when we bought them," he said.

However he did stress that a project will work only if it has the cooperation of the whole family.

'A lot of people buy their kids a lamb as a project and never want to get involved That doesn't work"

Anne adds, "You can't just buy your child a lamb and expect them to know everything to do"

She says they attended 4-H meetings with Gerald and Barbie and at least one parent always accompanies the young twosome at showing time "This helps in their showing — knowing that their parents are backing them"

Parental support and teaching is as important in 4-H projects as it is in other day-to-day situations which children encounter, according to the Rohrers.

"We've taught them to be very efficient in the showring. Also to watch when the sheep eat and see that they eat very well. When sheep get sick, they don't give you much warning. The work these children do would be tiring for some adults," Anne said.

"As far as I'm concerned, if you're going to compete, you may as well go all out," Robert says. "The family has to work together."

Anne couldn't be more pleased in their family involvement in the world of sheep

"They're so pretty That's one reason we picked the Southdown breed, because we liked how they looked. They provide such a beautiful relationship between our love of tending sheep and that of

(Turn to Page B19)

Gerald and Barbie stand beside their champion Southdown ewe of the Southdown Regional Show at the Eastern States Exposition in Massachusetts. They took first place in eight of the 10 classes they entered, plus premier exhibitor, champion ram and reserve champion ewe.

Here the Rohrer children stand beside just a few of the trophies, banners, and ribbons they've won in their years of 4-H. To their left and to the right hang many, many more awards.

The Rohrers make sheep a family project, a must they say if a child is to learn and benefit from an experience. Here, the Rohrers sit in their Quarryville home, and in the background? What else? More trophies.

Sheep become family project

(Continued from Page B18)

the Twenty-third Psalm which says that the Lord is our Shepard."

And, says Anne, "We eat a lot of lamb. We really enjoy the taste of it. Southdowns are known for good eating. It makes a big difference in how you make it, too. We have so many people tell us they don't like lamb, and we think they just haven't been exposed to lamb well-prepared."

"I just put salt and pepper on it, put it in the oven, uncovered and let it cook slowly at 325 degrees. It's best to put it in a pan that will allow the fat to drip off," Anne offered.

This intense love of sheep has helped the Rohrer children prove wrong a popular belief that only farm kids can be successful in 4-H when it comes to working with farm animals. For though they live on a farm, the Rohrer family does no farming. Anne is a sign painter and artist and Robert is in busines for himself.

They only other animal they have raised on their farm, besides cats, is not a cow or a pig, but a buffalo.

"We saw an advertisement for a buffalo heifer in the mailbox market of the Lancaster Farming and we called. We wanted something different for a pet," Robert admits, laughing.

"We used to have people who stopped in this area of the county just to see the buffalo. Unfortunately, it has died. We joked about announcing it in the paper so that people wouldn't drive the whole way here for nothing," Anne added.

Well then folks, here it is: the Rohrer buffalo has died. Now what you'll see when you drive by the Rohrer homestead is a flock of champion sheep and the Rohrer family working diligently to prepare them for show.

Turkey consumption increases

LANCASTER — YOU TURKEY! is a fine compliment not a put down — WHY? Wild turkeys are the most intelligent, crafty, elusive game animal in the Pennsylvania forest. Ask any hunter — (who is honest) — he will tell you the turkey is almost impossible to catch. Domestic turkeys were wild turkeys only 400 years ago.

In 1934, per capita turkey consumption in the US was about one pound per person per year — it is now 11 pounds. This 1000% increase in consumption of turkey is greater than percentage increase of other meats. This is because turkey tastes good.

Buy a 24-pound fresh dressed or frozen young tom and quarter it. Freeze three quarters and roast one six-pound quarter. This can be covered and roasted at 350° F for 25 min for each pound or a total of 2½ hours. This way one turkey provides four meals for a family of seven to ten people. Cost per serving is less than most red meats and fish. In fact, cost per serving can be one-fourth to one-half that of red meats or fish.

Across America the turkey dinner, supper, banquet, church social or low cost meal is usually a big, young tom. Price or cost per serving when large whole turkeys are roasted is lowest among all meats. At fire halls, churches, Legions or dining places turkey is usually featured.

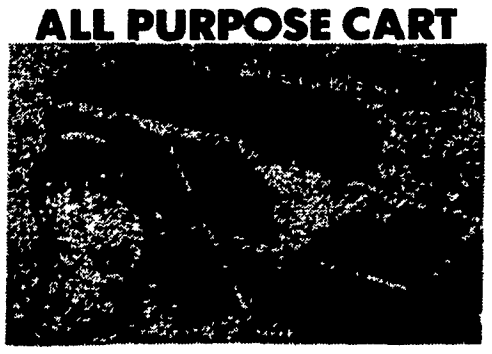
Turkey can help keep you healthy. It is a good source of easily digestible complete protein. Turkey is low in fat and low in sodium. Scientists advise diets with less fat and less sodium.

Pennies go further with turkey. Cost per serving can be 39 cents or less.

Per capita consumption of turkey has increased two pounds over the last two years. Turkey farmers are excited about this. It will increase as long as inflation continues.

Thanksgiving will soon be here - the turkey is ready - waiting in the grocery store and more are coming from the farm and the processor. So get perky - eat turkey!

ALL PURPOSE CART



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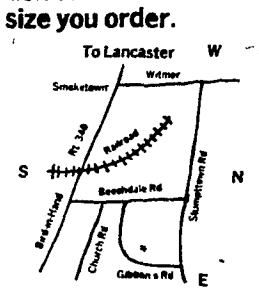

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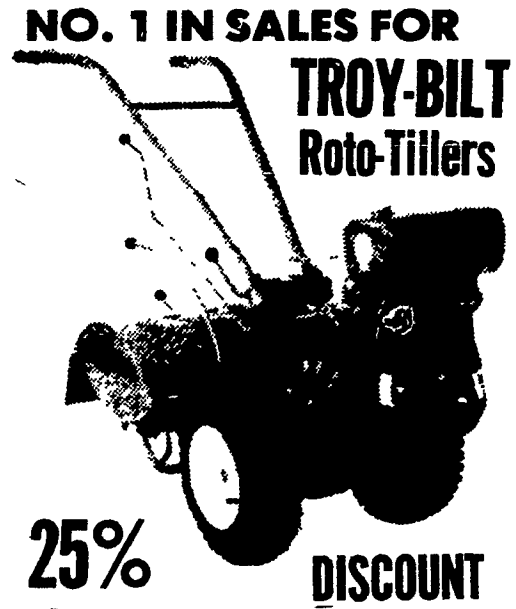

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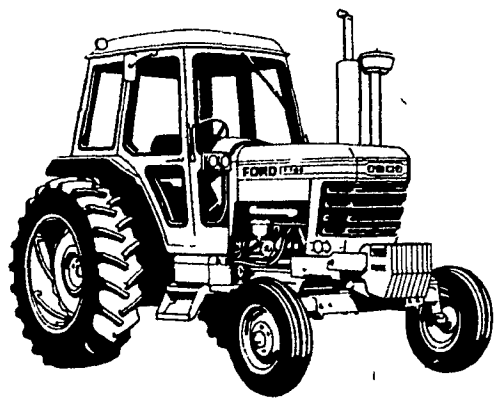

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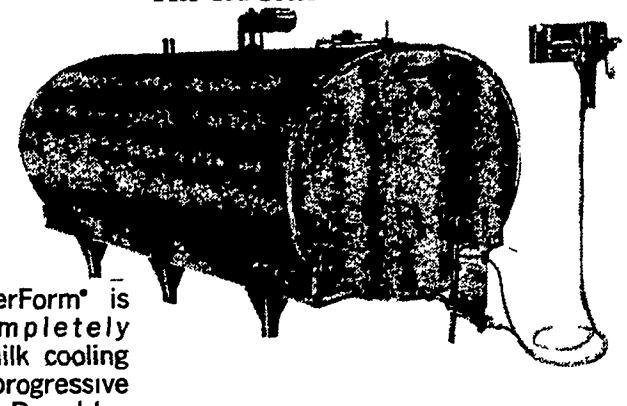

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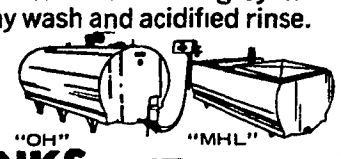

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Ladies Have You Heard?

By Doris Thomas

Lancaster Extension Home Economist

MICROWAVING YOUR TURKEY

If you own a microwave oven you may be wondering if you should use it to cook your holiday turkey this year. Using the microwave oven can considerably reduce cooking time. Your turkey will also be very juicy and tender. It will brown naturally because of the long cooking time, but will not have the crisp skin that many people associate with turkey.

On the other hand, for successful results you have to give the bird a fair amount of attention and handling, and you may find conventional oven roasting more suited to your needs

The largest turkey you should cook in the microwave oven is 12-14 pounds. To be sure your turkey isn't too big for your oven, place your turkey in the oven cavity and turn it on all sides You need 3 inches of space between the turkey and all oven walls, and should have a minimum of 2 inches between the top of the turkey and the ceiling of the oven.

—Estimate the cooking time at about 12-15 minutes per pound at 50 percent of full power (medium on some ovens, simmer or defrost on others) Divide the cooking time by four.

—Place the turkey breast-side-down in a glass or other microwave ovensafe baking dish.

—Tie legs and wings to the body with string Shield protruding parts with foil

—Cook for 1/4 of estimated time, turn turkey on its side and microwave another 1/4 of the time. Turn on other side and cook 1/4 time. Baste as needed. If some parts are browning too fast, shield these parts with foil. Leave foil in place when you turn the turkey

—For the last 1/4 of cooking time turn the turkey breast-side-up. Using a microwave oven thermometer, check internal temperature. It should read 185°F. after one minute. Other tests for doneness are the leg moves freely at the joint, or juices run clear yellow when breast meat under the wing is pierced with a fork or skewer.

—Let turkey stand about 20 minutes under a foil tent before carving.

It's a good idea to remove pan drippings as they accumulate. Fatty drippings absorb microwave energy and can increase cooking time. This job is easiest done with a bulb baster.

Never use a temperature probe when roasting a turkey. Juices can run down the probe and cause the oven to turn off.

The biggest problem with microwaving a turkey is turning the hot bird several times during the cooking process. This is probably best done with several layers of good paper toweling, rather than pot holders, to protect your hands

Cooking your turkey in the microwave oven can save you time, but it does involve some extra work on your part. Decide whether conventional or microwave turkey roasting is best for you this year.

CRANBERRY LORE FASCINATING

Turkey without cranberry sauce is nearly as unthinkable as Thanksgiving without turkey. But how many of us know the history of this unique berry?

The wild cranberry is native to open bogs and marshes from Newfoundland to western Ontario, south to Virginia and Arkansas The major cranberry producing states are Massachusetts and Wisconsin

The plant itself is a slender, creeping vine which grows from six inches to two feet long. Its small leaves are evergreen and its pinkish flowers give way to the fruit we are so familiar with.

The fruit is harvested in October, just in time for Thanksgiving preparations.

The cranberry has a fascinating history. The Pilgrims first learned how to prepare the fruit for eating from the Indians. They called it the vine "cranberry" because the blossoms are shaped like the head and neck of a crane.

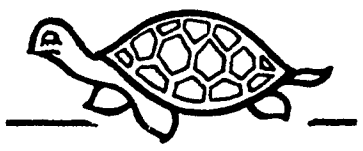
The berries kept so long without decay in those pre-refrigeration days and were prized so highly by colonists that, according to early Massachusetts history, ten barrels of them were shipped back to England as a gift to King Charles II.

Cranberries are versatile fruit. Besides the traditional jelly or sauce we can use them to make pies (cranberry, cranberry chiffon, cranberry apple) muffins, puddings, quick breads (cranberry nut or cranberry-orange), and sherbets.

In recent years, cranberry juice has become a popular appetizer. A sugar free cranberry juice is also available.

Store your cranberries in the refrigerator in the bag or box in which they were purchased. For longer storage periods wash and drain the berries. Place in a freezer container and freeze. It isn't necessary to thaw the berries before using them in a recipe.

DON'T BE SLOW



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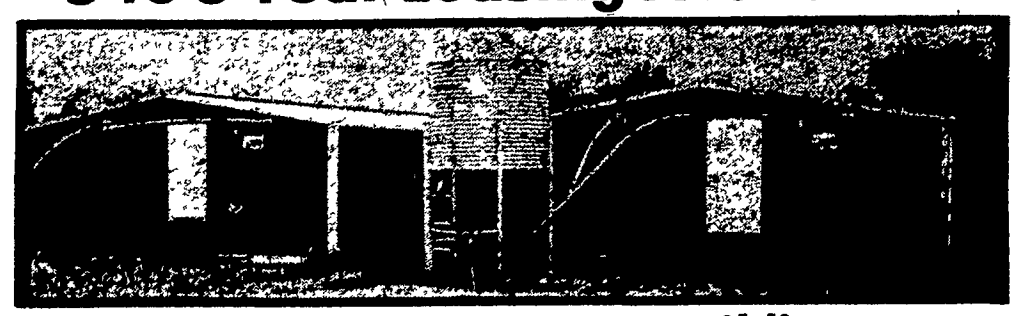

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WELDED FENCE

#92280	2x4	48x100	12½ Ga.	39.88
#92285	2x4	60x100	12½ Ga.	53.95
#92288	2x4	48x 50	12½ Ga.	23.95

FRAMING LUMBER

	8'	10'	12'	14'	16'	18'	20'	22'	24'
2x4	1.39	1.84	2.29	2.63	2.99	3.73	4.15	—	—
2x6	2.37	2.85	3.49	3.99	4.69	5.82	6.44	7.19	7.49
2x8	3.19	3.99	4.74	5.48	6.27	7.45	8.20	9.39	10.12
2x10	5.08	5.73	6.87	8.19	9.49	10.79	11.99	12.94	16.23
2x12	5.83	7.89	9.21	11.40	12.96	14.96	16.91	20.89	—

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	Plain Galvanized Steel Pro Panel II 36" Net Width	White Painted Steel Pro Panel II 36" Net Width	Red Painted Steel Pro Panel II 36" Net Width	Aluminum Pro Panel II 36" Net Width	5V Crimp Galvanized 25 Gauge 24" Net Width
8'	9.45	11.79	11.79	9.23	6.28
10'	11.84	14.72	14.72	11.54	7.85
12'	14.21	17.67	17.67	13.85	9.43
14'	16.58	20.61	20.99	16.16	10.99
16'	18.96	23.56	23.99	18.47	12.56
18'	—	26.51	—	—	—
20'	—	29.45	—	—	—
22'	—	32.39	—	—	—

PRESSURE TREATED LUMBER

	8'	10'	12'	14'	16'	18'	20'	22'	24'	
2x4	1.85	2.44	2.89	3.27	4.49	—	—	—	—	
2x6	2.79	3.67	4.61	5.29	6.63	—	—	—	—	
2x8	3.86	4.96	6.79	7.71	8.51	—	—	—	—	
2x10	—	—	9.39	10.67	12.27	—	—	—	—	
2x12	—	—	—	—	16.89	—	—	—	—	
4x4	3.99	5.87	6.89	7.77	9.39	—	—	—	—	
4x6	—	—	—	12.54	14.77	19.29	20.89	27.10	—	
	10'	12'	14'	16'	18'	20'	22'	24'	26'	28'
6x6	11.91	15.47	18.69	20.36	27.29	31.59	38.99	41.99	59.59	67.53

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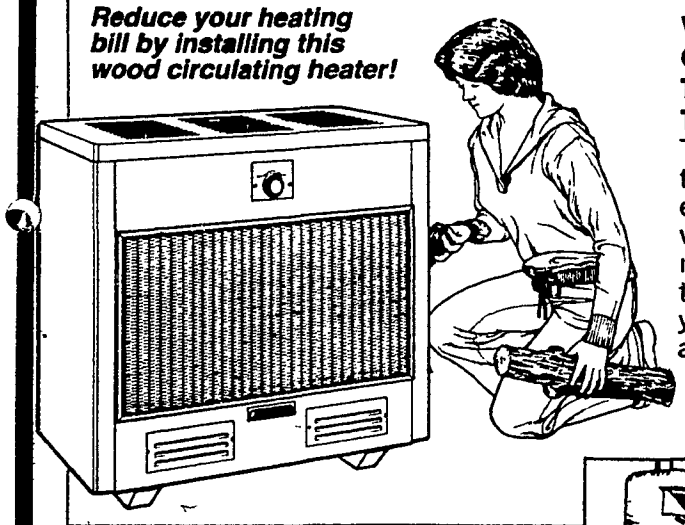

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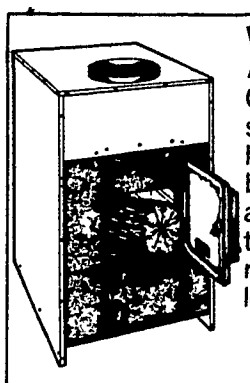

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Reference Price $29.97
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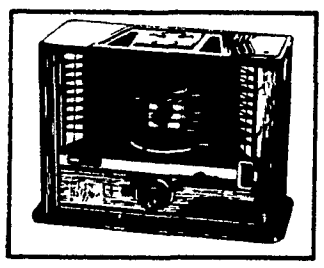

Portable Kerosene Heater
1.1 gal. fuel capacity Automatic ignition system. #30470
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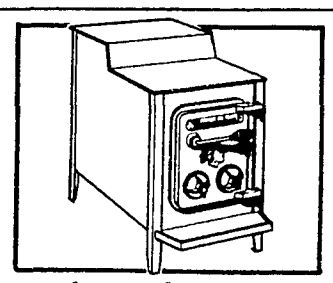

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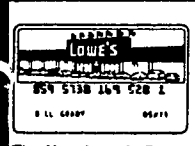

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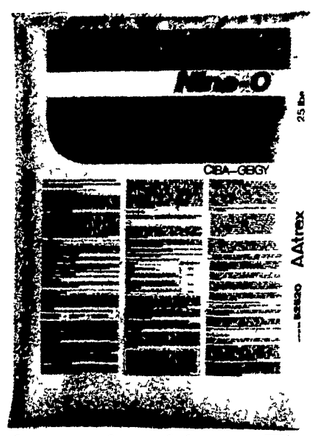

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The Waste-Not atrazine.

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Number of 25 lb. bags purchased _____ X $1.00= _____ Rebate LF
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Offer open only to farm owners/operators Limit of one rebate per name and address Limited to quantities needed for your crop only Allow 4 to 6 weeks for refund This coupon may not be reproduced or transferred and must accompany dealer invoice showing number of bags purchased and name and address of purchaser Good only in U S A Void where prohibited taxed or restricted Act now! Purchase must be made by February 26 1982 All claims must be postmarked by March 31 1982

See your dealer, or mail to Ciba-Geigy, Ag. Div., General Services Dept., Box 11422, Greensboro NC 27409. Offer expires Feb. 26, 1982.

Adams 4-H'ers earn special recognition

GETTYSBURG — Adams County 4-H'ers were honored for their accomplishments and achievements at the 1981 4-H Achievement Night at St. James Lutheran Church here.

Stacey Linebaugh, daughter of Mr. and Mrs Donald Linebaugh, East Berlin, was the recipient of the Rose Murren Award which is given to an outstanding 4-H'er who had not been fully recognized earlier for her leadership abilities in the 4-H program.

The William Miller Award was established to honor a 4-H'er who has worked hard to instill pride and respect in 4-H and the importance of development of the individual. This year's recipient of the William Miller Award was Kevin Reaver, of Mr. and Mrs. James Reaver, Littlestown.

Gary Flickinger, son of Mr. and Mrs. Richard Flickinger, Gettysburg, was the recipient of the ABC Williams Awards which is presented to a 4-H who provides outstanding leadership to 4-H.

Cristiana Mickley daughter of Mr. & Mrs. R. Kenneth Mickely was presented the Lois E. Smith Memorial Award for her outstanding accomplishements in plant science 4-H projects.

Those receiving medals in the National Awards program include:

Dawn Ridinger, Biglerville; Laurie Ridinger, Biglerville; Kimberly Lott, Biglerville; Margaret Todt, Hanover; Melissa Shetter, Gettysburg; Cindy Wilson, Biglerville; Lisa Reaver, Littlestown; Danielle Slonaker, Gettysburg; Judy Furlong, McSherrystown; Michele King, York Springs; Rachael Furlong, McSherrystown; Kathy Durboraw, Gettysburg; Cristina Mickley, Orrtanna, Christine Renoll, Aspers; Elaine Stock, New Oxford; Angel Dunchak, Littlestown; Peter Bastien, Fairfield; Judy Behney; York Springs; Peggie Bastien, Fairfield; Stacey Linebaugh, East Berlin; Margaret Weikert, Biglerville; Beth Waybright, Gettysburg; Debbie Piper; Gettysburg; Bonnie Bishop, Gettysburg; Carol Hobaugh, Hanover.

Todd Durboraw, Gettysburg; Bill Weller, Arendtsville; Cindy Myers, Abbottstown; Tina Wassel, Littlestown; Dennis Flickinger, Gettysburg; Sue Underwood, Gettysburg; Sharon O'Brien, Gettysburg; Mike Spangler, Gettysburg; Mike Bentz, Gettysburg; and Mindy Bobo, Bendersville, were awarded the "I Dare You" Award. The recipients were selected for the award in recognition of excellence in character and well-balanced personal development as well as leadership potential.

In addition to the national

(Turn to Page B26)

Dennis Flickinger, Gettysburg; Sue Underwood, Gettysburg; Sharon O'Brien, Gettysburg and Mike Spangler, Gettysburg, received I Dare You awards at the annual banquet.

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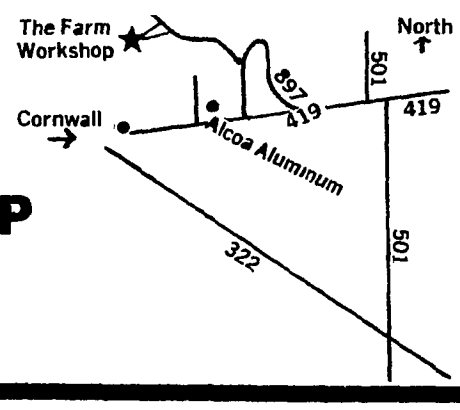

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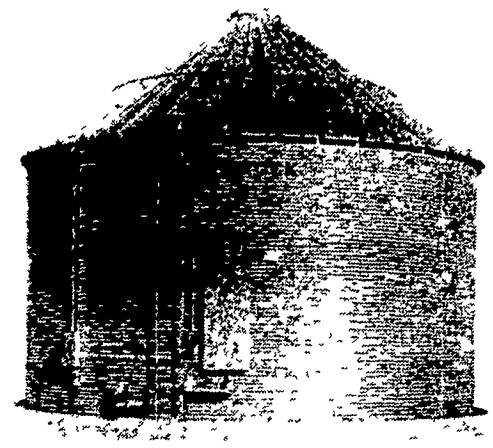

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12'	12.56	15.66	18.02	9.49	13.40	13.96
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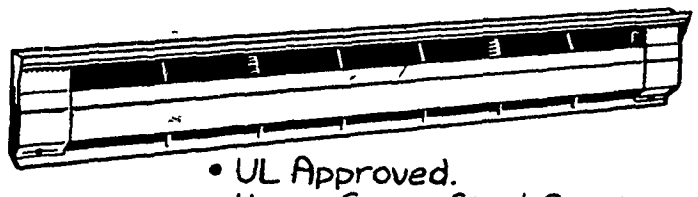

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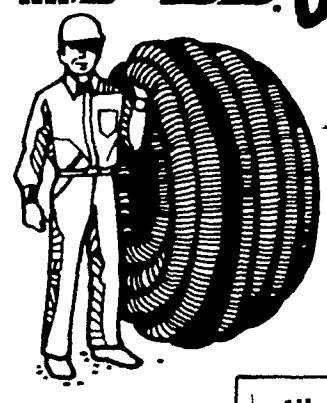

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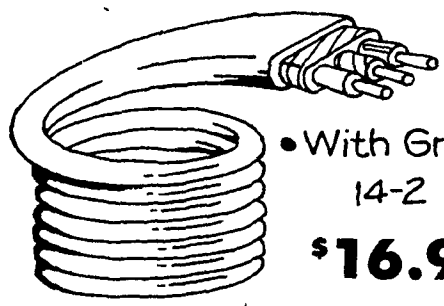

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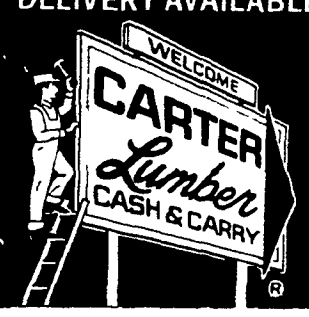

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U.S. reaffirms commitment as food supplier

ROME, Italy — The United States will remain a dependable supplier of food and agricultural products to both developing and developed nations, delegates to the 21st session of the Food and Agriculture Organization of the United Nations were told here last Tuesday.

"We will conserve and replenish our productive agricultural resources so we can continue to respond to world food needs on both a commercial and assistance basis," Deputy Secretary of Agriculture Richard Lyng told representatives of 147 nations.

Lyng, who is leading the U.S. delegation here, delivered the address on behalf of Secretary of Agriculture John R. Block.

In his address, Lyng said the long-standing interest by the United States in helping combat hunger and malnutrition throughout the world "is deeply rooted in the hearts of the American people." The United States has contributed almost $40 billion in food aid to developing nations since Public Law 480 - the Food for Peace program - was enacted in 1954.

Developing countries themselves have primary responsibility for increasing their food production capability, Lyng said. "The development of greater self-reliance is the single most important factor in creating vigorous national economies and improving the standard of living in a developing country," he said. Newly-wealthy and more advanced developing nations also must share in assistance efforts, he said.

The United States imported more than $17 billion in agricultural commodities in 1980, two-thirds of which came from developing countries. These imports help developing nations strengthen their economies, Lyng said.

He said he expects world food security will improve as individual nations set aside reserve stocks to help cushion periodic downturns in food production. Efforts at international agreements on world food security are unrealistic until national reserve programs are in place, he said.

The U.S. food security reserve of 4 million tons of wheat will continue to back up the U.S. food aid commitment, he said, because it includes 300,000 tons of wheat that can be used for emergency relief if needed.

The U.S. commitment includes efforts to continue expansion of cooperative international research programs as well as the exchange of scientific information.

"All nations and their people benefit from these research activities and exchanges," Lyng said.

In carrying out its role in providing assistance to developing nations, Lyng said the United States will:

— seek more effective uses of available resources;

— share appropriate U.S. production technology with low- and middle-income countries;

— continue to extend the benefits of agricultural research to other countries;

— do its share to improve world food security;

— support efforts to reduce barriers to trade;

— implement President Reagan's proposal to assist developing nations with their agricultural problems; and

— continue to support the work of the Food and Agriculture Organization, the World Bank and other international organizations involved in providing assistance to low-income, developing countries.

Todd Durboraw, Gettysburg; Bill Weller, Arendtsville; Cindy Myers, Abbottstown; and Tina Wassel, Littlestown were awarded the national "I Dare You" Award by the Adams County 4-H program. The recipients were selected for the award in recognition of excellence in character and well-balanced personal development as well as leadership potential.

Adams 4-H'ers earn recognition

(Continued from Page B24)

recognition received, the award provides the recipients with a copy of William H. Danforth's book I DARE YOU and a personalized certificate. Danforth wrote the book out of his own experience. He dedicated much of his time and philanthropy to youth work. In the book, he challenges the readers to aspire to their highest potential, to attain constructive lives of service and citizenship and to be committed to excellence.

Gary Flicking, John Clowney, Dawn Ridinger, Anne Marie Meyerhoffer, Roxanne Kump, Roxanne Kump, Laurie Roth, Roger King and Amy Breighner were honored for completing their tenth year in 4-H. Daniel Baral, Heidlersburg and Joyce Zepp, New Oxford were honored for completing their eleventh year in 4-H.

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Local table grapes could capture one-third of market

UNIVERSITY PARK — Seedless table grapes grown in Pennsylvania may be able to capture at least one-third of the market now going to Thompson Seedless grapes from California.

This conclusion came from a study carried out recently by College of Agriculture marketing specialists at Penn State. The findings were reported at a symposium on research for operators of small farms, held Tuesday at a symposium on research for operators of small farms, held Tuesday at the Agricultural Research Center of the U.S. Department of Agriculture, Beltsville, Md.

"Consumers like the locally grown seedless table grapes once they become familiar with them" declared Carl W. Haeseler, Penn State scientist in grape culture.

He said grape growing offers an opportunity for familes on small farms to increase their income. However, such farm operators often find it difficult to sell grapes through large-scale commercial channels because of the small volume of grapes grown. The best solution seems to be in selling grapes through farm and roadside markets.

Marketing aspects of the study were directed by Laurence L. Yager of the Cooperative Extension Service, College of Agriculture. Yager and associates compared the new seedless variety Lakemont with California Thompson Seedless. Sales of the two varieties were compared at three roadside fruit and vegetable stands — one each in Berks, Cumberland, and Lancaster counties.

Initially, consumers were unfamiliar with Pennsylvania-grown table grapes. After trying them, buyers spoke highly of their flavor and texture.

The well-known Thompson Seedless grapes sold three times the volume of Lakemont. Consumers said they bought the California grapes for their known quality and the larger size compared to Lakemont. Earlier studies showed, however, that small size was not objectionable.

Part of the study featured Lakemont grapes stored at 33 to 35° Fahrenheit for a month in sulfur dioxide atmosphere. Grapes thus stored remained in good condition for at least a month. Grapes spoiled when stored for a month without sulfur dioxide atmosphere.

"Sulfur dioxide storage can provide a more orderly marketing pattern than now possible by extending sales beyond the short harvest time," Haeseler commented.

He indicated the demand for seedless table grapes is highest during Halloween, Thanksgiving, and Christmas seasons. Competition from Thompson Seedless is greatest in September and October.

"If local grapes could be stored in good condition until the heavy supplies of Thompson Seedless clear the market, local grapes could find a ready market," he added.

Yager and Haeseler say they believe local grape owners could compete with California producers, since shipping costs are increasing. At the time of the study, the cost for shipping table grapes from California to Pennsylvania was about 10 cents a pound.

Initially, the Lakemonts were sold at the same price as the Thompson Seedless. If the Lakemonts did not sell after two days, the price was dropped 10 or 20 cents below Thompson Seedless

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Wintering cattle damage small pastures

WASHINGTON, D.C. — Feeding cattle all winter on small pastures is damaging to the pastures and increases nutrient losses in runoff, says Lloyd B. Owens, Agricultural Research Service soil scientist.

While the total nitrogen lost per year, about 13 pounds per acre, is not large, the results of the research suggest that rotating cattle on small pastures during the winter months would reduce nitrogen losses. Rotation would also reduce damage to grass caused by the concentration of animals.

Most of the nitrogen loss came during the winter period, November through April, Owens pointed out. Pastures used only during the grazing season, May through October lost an average of less than half a pound of nitrogen per acre each year.

Owens also mentioned that the annual nitrogen losses were less than nature's contribution of 16 to 19 pounds of nitrogen delivered annually on each acre by an average year's rainfall.

He compared runoff from four orchardgrass pastures for 5 years at ARS' North Appalachian Experimental Watershed, Coshocton, Ohio.

Cattle were rotated on all four pastures during the grazing season. They were confined to one pasture and fed hay during the November to April period.

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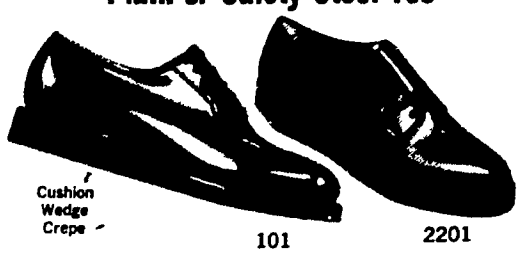

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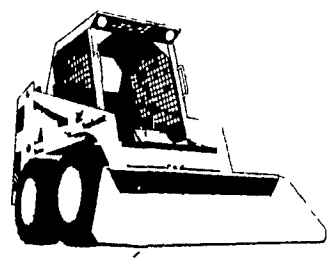

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Dauphin holds Achievement Night, honors 4-H'ers

HARRISBURG — Four-H members from throughout Dauphin County were recognized for their work at the annual Achievement Night last Saturday at the Susquehanna High School.

The program was held in conjunction with the annual meeting of the Extension Board of Directors.

The following awards were given:

Senior Blue Forms - Cindy Baker, Amy Williams, Bill Coley, Barb Baker, and Karin Schengrund.

Junior Blue Forms - Linda Buffington, Kim Boyer, Michelle Mock, and Debbie Shope.

Outstanding 4-H'ers - Tammy Yost and Todd Kohr.

Friends of 4-H - James Hepler, WQIN Radio, Lykens; Jerry Clemens, Hatfield Packing Company; Horace Mann, Farm Show Commission; Leroy Fox, Fox's Market.

"I Dare You" Award - Barb Baker and Tammy Yost.

Clown Awards - Sally Messick, Champion; Jenny Taylor, Reserve Champion.

(Turn to Page B30)

Kaye Sweigard, Michelle Mock and Barb Baker were recipients of the clover award at the Dauphin County Achievement night.

Those receiving champion awards for their projects were front row, l-r, Lisa Miller, Fred Williams, Tara Etzweiler, and Laura Etzweiler; back row, Michelle Mock, Monica Etzweiler, Sally Messick, and Barb Baker.

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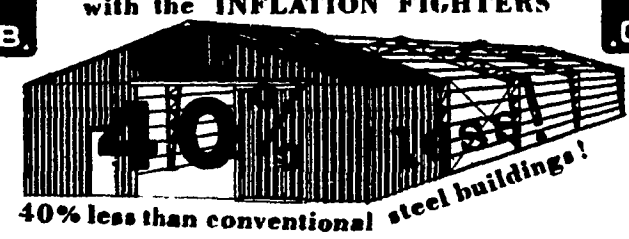

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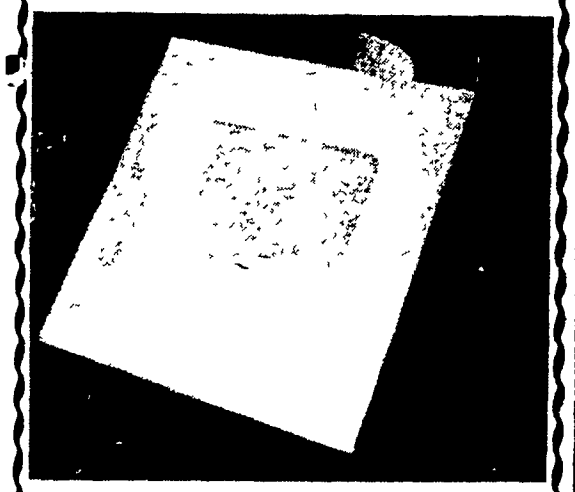

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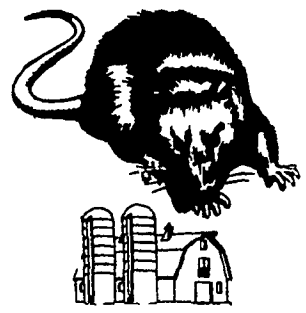

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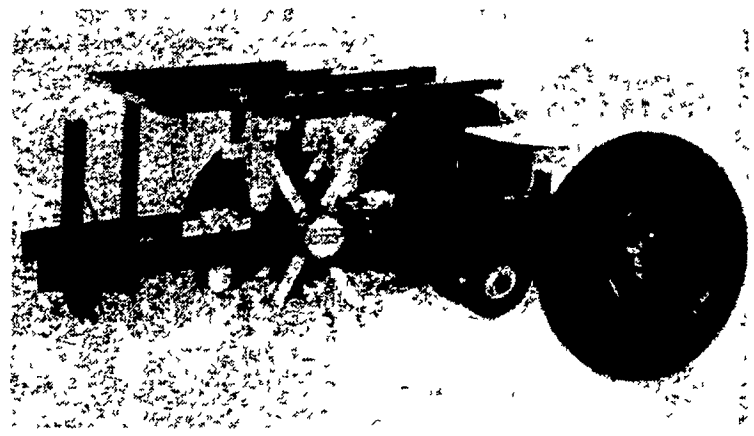

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Dauphin honors 4-H'ers

(Continued from Page B29)

Bees Award - Michelle Mock, Champion; Michelle Rankin, Reserve Champion.

Dog Award - Barb Baker, Champion.

Geology Awards - Kristie Grove, Champion.

Hiking Awards - Fred Williams, Champion.

Learning About Horses - Lisa Grove, Champion.

Photography Awards - Lisa Miller, Champion, Cindy Etzweiler, Reserve Champion.

Flower Awards - Laura Etzweiler, Champion.

Vegetables Awards - Monica Etzweiler, Champion

Swine Award - Ed Huntzberger, Champion Showmanship; Ed Huntzberger, Champion Hog; Ed Huntzberger, Reserve Champion Hog.

Sheep Awards - John Snowden, Champion Showmanship; Kathleen Ryan, Market Lamb Champion; John Snowden, Market Lamb Reserve Champion

Sheep Awards - John Snowden, Dorset Ewe Champion; Eric Kreider, Dorset Ewe Reserve Champion; Jason Castilow, Suffolk Champion; Grant Castilow, Suffolk Reserve Champion; Kathleen Ryan, Southdown Champion.

Dairy Awards - Tony Williams, Champion Fitter; Donna Shetterly, Reserve Champion Fitter; David Feidt, Champion Showman; Tammy Yost, Reserve Champion Showman; Lisa Keefer, Champion Ayrshire; Donna Shetterly, Reserve Champion Ayrshire; David Fedit, Champion Brown Swiss; Brenda Oellig, Reserve Champion Guernsey; Karen Brandt, Champion Holstein; Tammy Yost, Reserve Champion Holstein; Tony Williams, Champion Jersey; Faith Lafferty, Reserve Champion Jersey; April

(Turn to Page B31)

Jerry Yohn presents the "It Can Be Done" award to Tom Williams, who served as fair chairman for Dauphin.

Livestock champions awarded at the annual Achievement Night were: Kaye Sweigard, Raymond Buffington, Tony Williams, back row: John Snowden, Eric Kreider, David Feidt, and April Lafferty.

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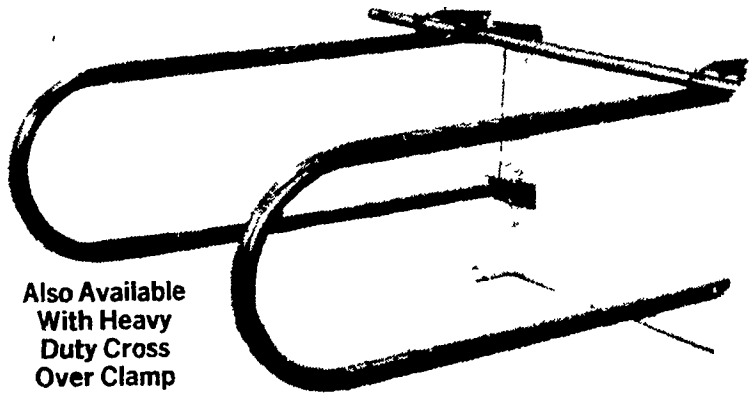

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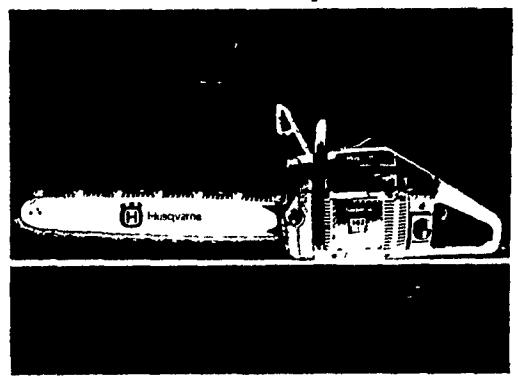

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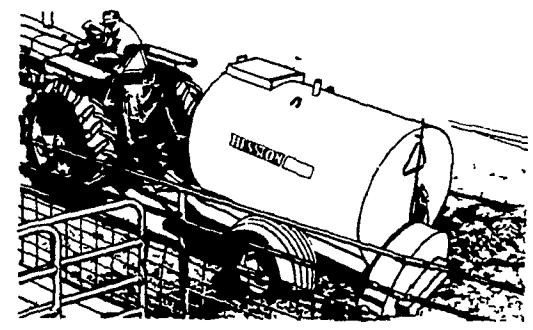

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Cumberland Co. 4-H'ers find excitement at round-ups

BY BETH HEMMINGER
Staff Correspondent

CARLISLE — The cold, bitter morning air nipped and stung fingers, hands, feet and ears, but didn't quench the excitment of the Cumberland County 4-H Beef and Lamb members at their 1981 4-H round-up last week.

Greg Snyder was the official judge for the day's activities. Snyder is a 1977 Penn State graduate and is presently a farmer in Lehigh County raising Polled Hereford, Dorset and Hampshire sheep.

This 4-H year came to a happy end for Randy Yost. Randy was the proud owner of the 4-H Sale Champion and County Beef Champion with a large velvet-looking angus.

The 1200-pound black Angus was a monetary winner for Randy, while on the sale block brought the top sale price of $1.10 a pound, seven cents above last years' Western Sizzlin Steak House, Carlisle, bought Yost's champion along with the Reserve Sale Champion steer owned by Ron Kimmel for 86 cents. Kimmel's steer weighed in at 1410 pounds.

Randy continued to steal the show at the round-up as he paraded the Angus gracefully around the ring to be awarded the trophy for Senior Champion Showman.

Next on the list was the Intermediate Showmanship class and the judge quietly remarked "this looks like a challenge."

The 17 entries were real competitors, always under control and alert, however, a champion had to be selected. Chris Hopple was motioned to the head of the class with her medium-weight angus to be crowned the Intermediate Champion Showman for the round-up.

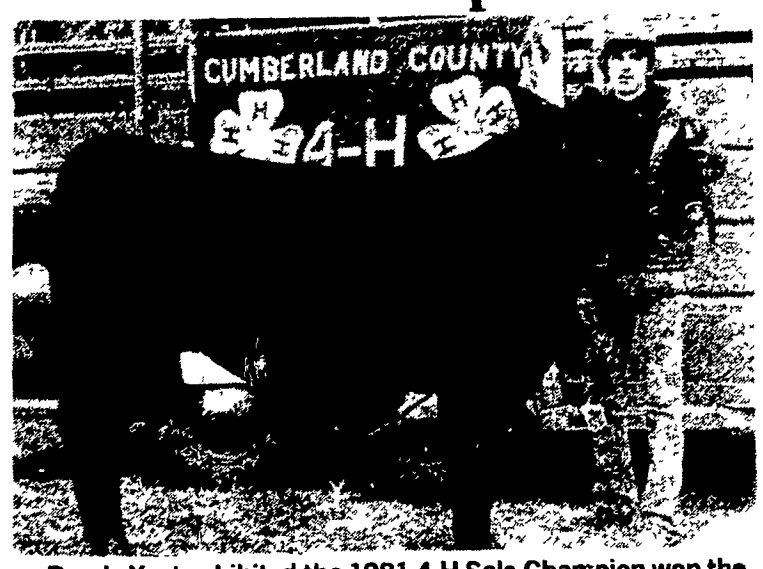
The junior champion Showman was awarded to Kim Hopple. showing her big black Angus, Jack.

Chris and Kim Hopple along with Karen Fought, Denise Baker, Keith Baker, Bob Line, Allyson Sheaffer, Tim Gordon, Nancy Line, Bill Kimmel, Angie Fought, Tom Gordon and Sandy Hopple will be representing Cumberland County at the 1982 Farm Show competition. Sandy Hopple was also awarded the title of Reserve County Beef Champion for the round-up.

The 4-H beef animals not selected for Farm Show com-

(Turn to Page B33)

Joel Hockenberry exhibited the 1981 4-H Champion Pair of Market Lambs, which later were sold for .825 cents to the Country Butcher, Newville.



Randy Yost exhibited the 1981 4-H Sale Champion won the Senior Champion Showman award with his beautiful black-velvet angus.

Dauphin honors 4-H'ers

(Continued from Page B30)

Lafferty, Champion Goat; April Lafferty, Reserve Champion Goat.

Horse Awards - Tracy Conrad, Champion Western; Sue Hann, Reserve Champion Western; Mary North, Champion Hunter; Brenda Bratina, Reserve Champion Hunter; Molly Landon, Champion Saddle Seat; Carolyn Richards, Reserve Champion Saddle Seat; Scott Seltzer, Champion Gaming; Cherie Seltzer, Reserve Champion Gaming.

Beef Awards - Kaye Sweigard, Champion Showman; Monique Sweigard, Champion Steer; Kaye Sweigard, Reserve Champion Steer.

Sewing - Kristin Carr, Start Stitching Champion; Marnie Hiester, Start Stitching Reserve Champion; Jeannie Price, Stitch Your Own Champion; Nichole Wiest, Stitch Your Own Reserve Champion; Gretchen Hoffman, Stitch An Outfit Champion; Susan Markel, Stitch An Outfit Reserve Champion.

Sewing - Ellen Kellner, School Outfit Champion; Heather Hoffman, School Outfit Reserve Champion; Michelle Espenshade, Wool Skirt Champion; Amy Williams, Create With Fabrics Champion; Brenda Cassel, Create With Fabrics Reserve Champion; Mary K. Rubendall, Free Lance Champion.

Art Awards - Laura Stilla, Champion.

Clover Award Winners - Kaye Sweigard, Livestock; Barb Baker, Home Economics; Michelle Mock - General.

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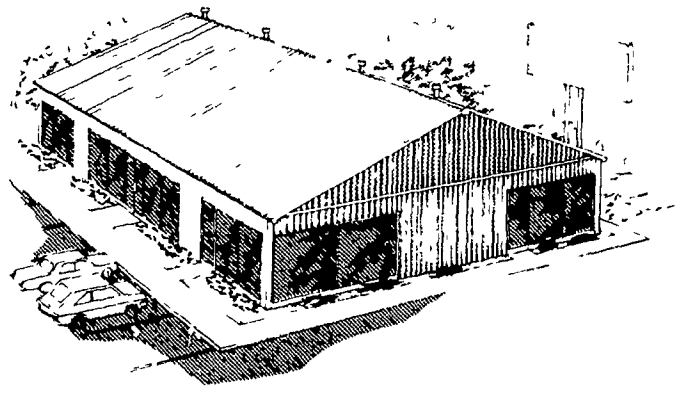

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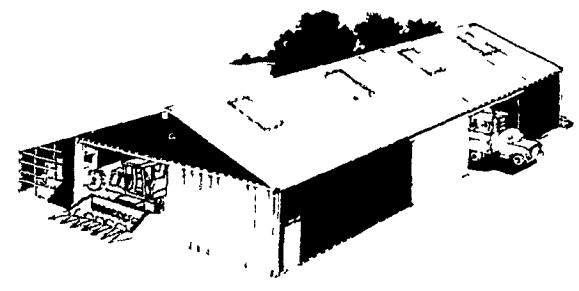

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4-H'ers find excitement

(Continued from Page B32)

petition were later sold at the Livestock Market.

The 1981 4-H beef sale average for the 19 animals sold was 80.93 cents.

With no break in the action, the lamb show began.

Vickie Holtry was the proud owner of the Champion Market Lamb and her cousin, Carolyn Myers, stepped up beside her to be award the Reserve Champion title. Vickie's lamb weighed in at 105 pounds to be sold to North Mountain Butcher, Newville, at $2.30. Laura Watts, Cumberland County agent, remarked, "This has been the highest round-up sale price since 1975."

Fred Potteiger, Carlisle, bought the Reserve Champion Lamb for $1.70 a pound. The Myer's lamb weighed 110 pounds.

Champion pair of Market Lambs was exhibited by Joel Hockenberry. The Country Butcher Shop had their eye on this pair and bought them. Together the paired weighed 185 lbs.

The Lamb Showmanship contest was action packed as the 4-H'ers had to man-handle many of the high-spirited animals.

First in the ring were the senior competitors. As the judge circled the class several times around, pulling, tugging, and looking for dirt he motioned Eric Nace to the top of the class as the Senior Champion Showman of the Lambs.

Vickie Holtry proved her abilities for the second time as she was selected the Intermediate Champion Showman for the day.

Junior Champion Showman, Lynda Scott was smiling from ear to ear when the judged awarded her the championship ribbon.

The sale average for the 1981 Roundup sale was 94.87, which included the Champions, and 19 pairs of lambs.

The 4-H beef round-up placings are as follows:

Light Weight

1. Kim Hopple; 2. Jason Kutz; 3. Bill Wardle; 4. Cindy Otto; 5. Ben Kutz.

Medium Light Weight

1. Sandy Hopple; 2. Karen Fought; 3. Denise Baker; 4. Keith Baker; 5. Brenda Wert.

Medium Weight

1. Allyson Sheaffer; 2. Chris Hopple; 3. Bob Line; 4. Ray Yost; 5. Jeff Wardle.

Medium Heavy Weight

1. Randy Yost; 2. Tim Gordon; 3. Angie Fought; 4. Nanci Line; 5. Bill Kimmel.

Heavy Weight

1. Ron Kimmel; 2. Andy Rill; 3. Karen Nailor; 4. Tom Gordon.

Bill Wardle sold his 1005 lb. steer at .76 to Wenger Beef Farms; Ben Kutz, 955 pound steer sold at .78 cents to Dauphin Deposit Bank, Carlisle; Jason Kutz, 990 pound steer sold at .79 cents to Souder Feed & Grain; Jeff Wardle, 1065 pound steer sold at .78 cents to Gibb Miller Insurance, Carlisle;

Andy Rill sold his 1360 pound steer at .75 cents to Weiberts Market, Gettysburg; Ed Wenger, 1060 pound steer sold for .78 cents to North Mountain Butcher Shop, Newville; John Wardle, 1100 pound steer was bought for .76 cents by Production Credit, Carlisle; Cindy Otto, sold 1030 pound steer at .83 cents to Fred Potteiger.

Steve Otto, 1180 pound steer for .75 cents to Potteiger Meats; Karen Nailor sold a 1385 pounds steer for .75 cents a pound to First Bank of Mechanicsburg; and Mark Wardle, 1095 lb. steer sold for .84 cents to Wayne Nell & Sons.

The Lamb Roundup placings are as follows:

Light Weight Market Lambs

1. Carol Perry; 2. and 4. Joel Hockenberry; 3. Dwight Hockenberry.

Heavy Weight Market Lambs

1. and 2. Angie Fought; 3. and 4. Sharon Hock; 5. Vickie Holtry.

Bradford homemakers enjoy holiday program

ULSTER — A capacity crowd of 185 women filled the Towanda Gun Club in Durell for the fall Homemakers Day of the Bradford County Extension Service.

Morning activities included a welcome by Yvonne Crimbring, chairperson of the Home Economics Advisory Council, followed by a talk by Rita Marberger, manager of Member Services of the Tri-County Rural Electric Cooperative, Inc. She demonstrated making a tiny sled from popsicle sticks for a Christmas decoration and handed out a booklet containing how-to instructions for a Christmas Bazaar.

Ms. Marberger also showed two films, one on electrical safety, and the other, accidents around the home.

Orville Yoder, Bradford County Extension agent, announced the 4-H Building Fund that has begun in memory of Linda Hulslander, Bradford County home economist who died unexpectedly last August.

The afternoon speaker was Dorothy Kinsman, who talked and gave demonstrations on table and home decoration for Thanksgiving and Christmas. Arrangements should be based on a design and a plan of lines for visual movement between points. She demonstrated the triangle, oval, and lower triangular designs with a variety of containers.

"Use your imagination choosing containers," she told the group. "Anything you can pick up or saw off is usually appropriate."

To demonstrate this she made a Thanksgiving arrangement using a loaf of bread as the container filling it with an arrangement of chrysanthamums accented with strands of spaghetti.

Other arrangements were a turkey made of a beet with feathers, a Christmas green arrangement with dried honesty and apples, and others. "Look at nature for ideas," Kinsman concluded. "She can show you better than anyone else."

Cathy Bakalar, Northeast Regional nutritionist, adjourned the meeting. The next Bradford County Homemakers meeting is planned for the spring.

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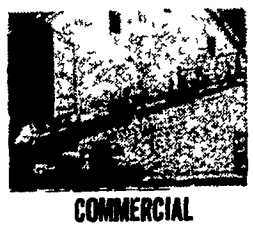
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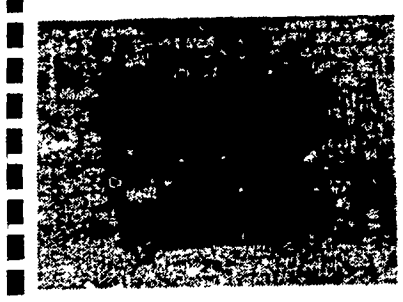
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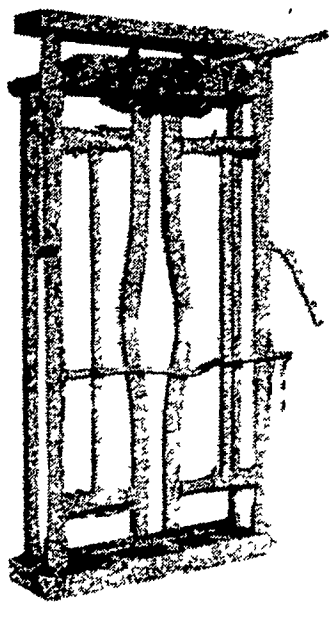
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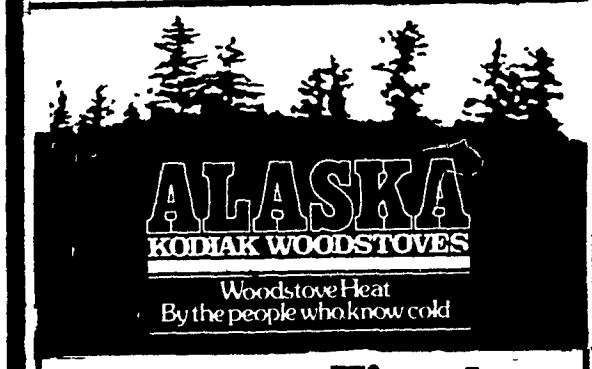

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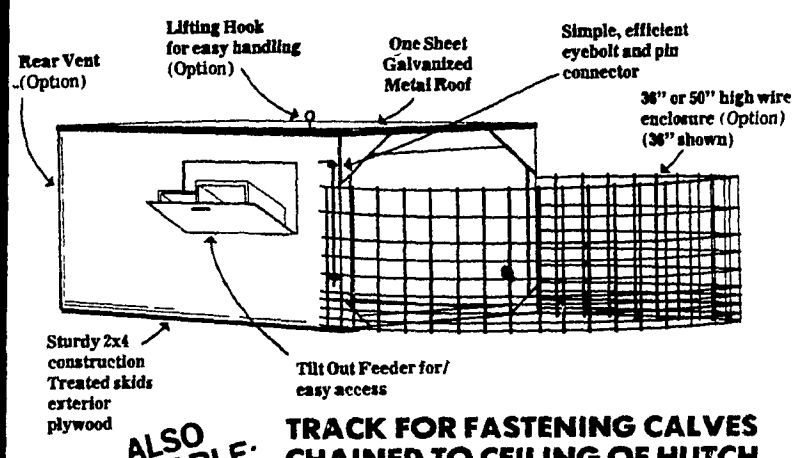
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At Dover Young Farmers Crop Show

Boyer wins baled hay competition

BY JOYCE BUPP
Staff Correspondent

DOVER — About 150 farmers and guests turned out last Tuesday, Nov 10 for the 4th annual Dover Young Farmers crop show, held at the Dover High School.

Spread across the long tables of the school's cafeteria were well over a hundred samples of hay, ear corn, haylage, silage and grains. County Agent John Smith moved from category to category, judging entries as he went, and explaining his reasons with each grouping.

Tom Boyer, Biesecker Road, York, was declared grand champion grand winner of the largest division of entries, baled hay. His fourth cutting sample of Pioneer No. 524 won plaudits for its bright color, and abundance of leaf matter. Boyer's winning slice of hay was from a third-year field, which gave an estimated six and one-half ton per acre.

Emerging from the ear corn competition was top winner, Ray Deardorff, Davidsburg Road, Dover. Deardorff's long, straight, full ears of Dekalb XL61 beat out several dozen other entries. It was the first time for Deardorff to use the new Dekalb variety which yielded approximately 100 bushel per acre.

Steve Green entered a sample of first cutting mixed alfalfa haylage from the McRal dairy operation, located at R1 East Berlin, where he's employed. Smith selected that sample as the best, with enough moisture for preservation and palatability, but not too wet.

Lester Sunday, R1 York, emerged the winner of the corn silage category, with silage chopped in early October from an O's Gold variety. Sunday's entry won on odor, evenness of cut, and abundance of grains included with the stem matter.

Some twenty commercial exhibitors were on hand with displays representing seed, fertilizer, chemical and equipment firms

A list of winners follows:

Ear Corn
1 Raymond Deardorff 2 Lemar G VanHyning Sr 3 Lemar G VanHyning Jr

Alfalfa
1st Cutting
1 Earl Livingston 2 Crist Shearer 3 Wayne Myers

2nd Cutting
1 Ray Hoover 2 Tom Boyer 3 Paul Jacobs

3rd Cutting
1 Roy Berkheimer 2 Bob Smyser 3 Eisenhart Bros

4th Cutting
1 Tom Boyer 2 Richard Stough 3 Wayne Myers

Timothy
1 Roy Berkheimer 2 Richard Stough 3 George Livingston

1st Cutting
Clover
1 Crist Shearer 2 Joe Stump

2nd Cutting
1 Mervin Livingston

Timothy Clover
1 Sherman Grove 2 Sherman Grove 3 Joe Stump

Mixed Alfalfa
1st Cutting
1 Shermon Grove 2 Dan Gross 3 Joe Stump

2nd Cutting
1 Sherman Grove 2 Dan Gross 3 Joe Stump

3rd Cutting
1 Joe Stump 2 Bob Smyser 3 Brian Lighty

4th Cutting
1 Lynn Wolf

Mixed Grass
1st Cutting
1 Sherman Grove 2 Wayne Myers

2nd Cutting
1 Doll Zirkle 2 William Livingston 3 Joe Stump

Corn Silage
1 Lester Sunday 2 Steve Gross 3 Tom Boyer

Haylage
1 Ralph McGregor 2 Joe Stump 3 Eisenhart Bros

Barley
1 Mervin Livingston 2 Lemar VanHyning

Wheat
1 Bruce Kunkle 2 Earl Livingston 3 Mervin Livingston

Oats
1 Joe Stump 2 Sherman Gross 3 Earl Livingston

Rye
1 Paul Jacobs 2 James Crowl

High Moisture Corn
1 Steve Gross 2 Ralph McGregor 3 Ralph McGregor

Shelled Corn
1 Steve Gross 2 Mervin Livingston

A sniff...and a squeeze...are part of York county agent John Smith's techniques for determing the tops in samples of hay and haylage. Smith was the official for the Dover Young Farmers crops show.

Champions in four categories at the crops show compare notes on the blue-ribbon slice of hay. From left are Steve Green, haylage winner; Ray Deardorff, ear corn; Tom Boyer, dried hay; and Lester Sunday, corn silage.

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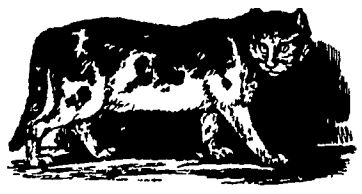

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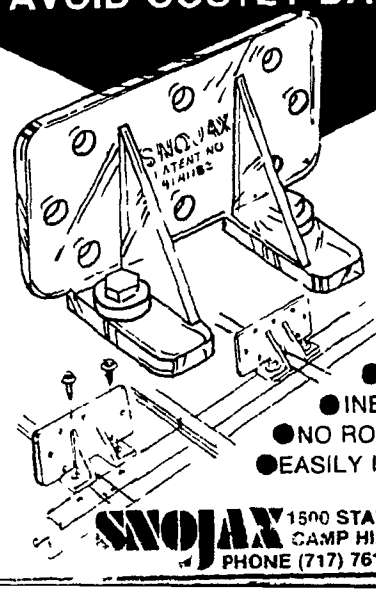

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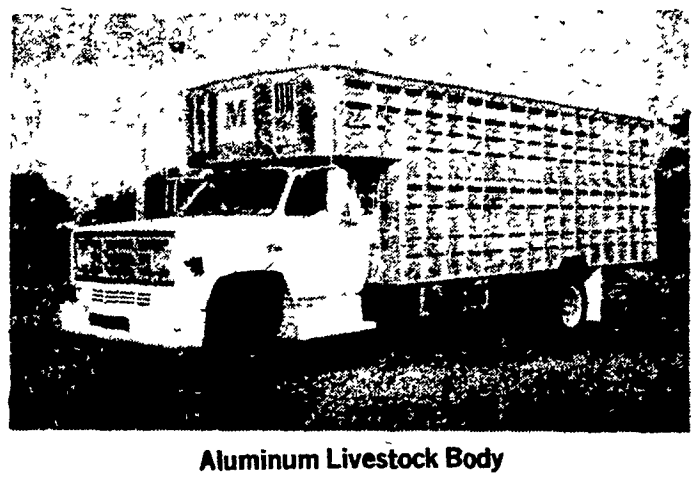

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Food marketing costs expected to soar

WASHINGTON, D.C. — In 1981, the marketing bill — a measure of the costs of processing, distributing, and retailing U.S. farm foods — is expected to total $197 billion, an increase of 10.3 percent from last year.

The rise is based on continuing increases in each of the major components. On the other hand, the farm value of food will climb only moderately, as large supplies of most foods — especially red meats and poultry — are dampening upward pressure on farm prices. Preliminary figures for the farm value and consumer expenditures are $88 and $285 billion, respectively.

Last year, consumer expenditures for domestically produced farm food totaled $260 billion, up $23 billion from 1979. Of this $260 billion, $81 billion represented farm value, with the marketing bill accounting for the rest.

Thus, marketing costs accounted for 68 percent of U.S. food expenditures in 1980, up slightly from the 1969-79 average of 67 percent. Labor costs rose 10.5 percent last year from 1979, packaging costs 14.2 percent, and fuel and power costs 17.8 percent.

The farm value was up only $3.4 billion from 1979, an increase of only 4.4 percent. The gain in farm value was held down chiefly because farm prices for meat and poultry products showed little or no increase. These two commodity groups account for about 48 percent of the total farm value.

Labor costs, by farm the largest component of the marketing bill, made up 44 percent of the total in 1980. Increases in labor costs reflect higher hourly earnings, increases in supplemental payments such as Social Security and other benefit costs, and increases in processing and retailing employment.

In 1980, hourly earnings for food industry workers increased 9.5 percent. Even when rising supplementary wages are included in the labor cost, 1980 marks the second year in a row that food industry hourly wages have failed to keep pace with inflation. Over the first 9 months of 1981, hourly earnings were up 10.1 percent above the same period in 1980.

The 1981 increase in labor costs will also include wage gains due to COLA (cost-of-living adjustment) clauses in labor contracts. COLA clauses now cover 5.8 million (60 percent) of union workers in the private sector. Contracts with COLA provisions have in the past called for smaller wage increases than those without COLAs. The contracts without COLA clauses also tend to be of shorter duration.

Generally speaking, the larger the bargaining unit, the more likely its contract will have a COLA provision. Also, workers in manufacturing industries are more likely to be covered than workers in the nonmanufacturing sector.

Over the first 6 months of 1981, the average first-year wage increase in bargaining agreements covering more than 1,000 workers in the private nonfarm sector was 11.3 percent, with a 9.2-percent annual change over the life of the contract. During the first 9 months of 1981, total hourly earnings in the food industry rose 10.8 percent. This includes the manufacturing, wholesale, and retail sectors and reflects changes in supplemental pay as well as hourly earnings.

Behind 1980's 14.2-percent increase in packaging costs were gains of 19.6 percent for plastic resins, 11.2 percent for tin cans, 12.1 percent for glass containers, and 16.1 percent for paperboard. The increase in packaging costs is expected to moderate this year as paperboard supplies are larger and petroleum for producing plastic resins is adequate. Over the first 9 months of 1981, the cost of packaging was 7.6 percent higher than the year-earlier average.

Energy costs continue to rise faster than any other component of the marketing bill. In 1980, fuel and power costs increased 17.8 percent, as natural gas and electricity prices increased 33.2 and 19.0 percent, respectively. This high rate of increase continued in the first quarter of 1981, as OPEC price increases were passed through and some energy prices were decontrolled. Prices have remained relatively stable since the first quarter but averaged 19.5 percent above a year ago during the first 9 months of the year.

Higher rates for rail and truck transportation pushed the cost of transporting food up 18.8 percent to $13.9 billion in 1980. Rail freight rates climbed 18.5 percent between 1979 and 1980. The outlook for 1981 is for continued sharp increases as previous cost rises are incorporated into higher rate structures. The outlook could change as a slowing economy and deregulation in the transportation industry have a dampening effect on shipment volume and rate increases. Transportation costs for 1981 are expected to rise slightly less than in 1980, with a prospective increase of about 13 percent.

In 1980, the before-tax profits-to-sales ratio of food manufacturers rose slightly above its 1979 level. The ratio of profit to sales for the food retailing industry was unchanged for the third straight year. Over the first 6 months of 1981, profit ratios for food manufacturers stayed near last year's levels. Food retailers' profit ratios also remained at the 1980 average in the first quarter.

The "other" category of the marketing bill includes depreciation, interest, repairs, and rent. Costs in this category are expected to increase at the general inflation rate in 1981. Although interest rates have risen sharply over the last 2 years and are a major concern to the food industry, they still account for a realtively small portion of total marketing costs

Microwave-blanched vegetables lose flavor, nutrition

WASHINGTON, D.C. — Microwave-blanched vegetables compared unfavorably to water- or steam-blanched vegetables in Agricultural Research Service tests, losing flavor, nutritional content, color, and texture.

Vegetables are blanched or heated prior to freezing to inactivate enzymes that cause spoilage, to improve color, and to remove air so that more product can be placed in a package. Traditionally, hot water or steam has been used for blanching, but in recent years, much interest has arisen in the use of microwave ovens for this purpose.

Agricultural Research Service food technologist Stephen R. Drake, along with technician Jaquilin B. Thompson and Sarah E. Spayd, food scientist with Washington State University, all at Prosser, Wash., compared the effects of different blanching techniques on asparagus, green beans, green peas, and sweet corn.

The comparison study was conducted over a two-year period. Vegetables were washed and either water, steam-, or microwave-blanched, cooled in water, packaged in plastic pouches and frozen. Objective quality tests were made. Then samples of each vegetable blanched by each technique were presented in four separate trials to 15 randomly selected panel members who ranked the samples for color, texture, and taste according to personal preference.

In neither of the objective nor the subjective tests were microwave-blanched vegetables as acceptable as water- or steam-blanched products. Nor was there any significant time gained using microwave blanching, as both water and steam blanching required only about 2 minutes.

Drake also notes that in the Prosser study, contrary to previous reports, there was little difference between the quality of water- and steam-blanched vegetables in either objective or subjective measurements, although water blanching might produce a slightly more flavorful product.

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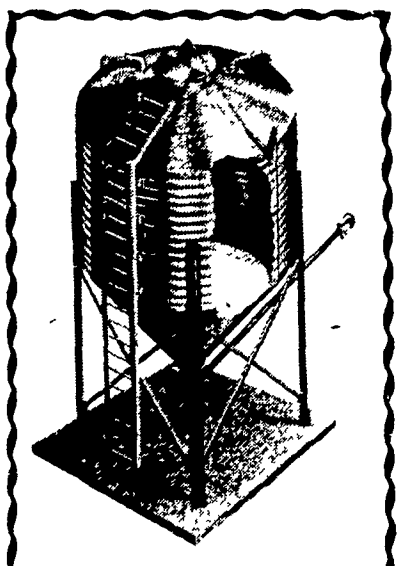

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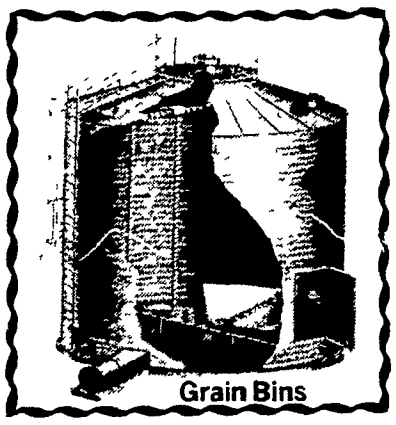

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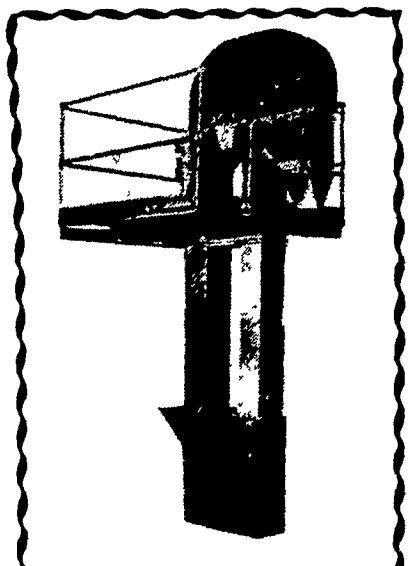

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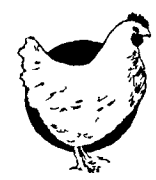

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Buying wood or cutting your own?

LANCASTER — If your burn wood in your fireplace or in a woodburning stove, maintaining an adequate supply of well-seasoned, ready-to-burn wood is an essential. How you get it is important. And, what you get is perhaps even more important.

On the "how" side, there are many considerations. You may want to do-it-yourself. It may be the physical exercise, the outdoor activity involved that motivates you to cut, split, haul and stack your firewood. It may be the economics...if you provide the labor, it's got to be cheaper!

So, you buy a chain saw, a splitting maul and have access to a station wagon, van or pick-up to transport it.

You do need a source of wood. If you have your own woodlot, fine. If you have a friend with a woodlot or know a farmer with a fence row to cut, that, too, can satisfy the source question.

Given all the considerations mentioned, plus a few others, you should then jot down and tally up your best estimates of cost. Add one more item to your list. You won't be able to put a dollar figure on it, but it is important. your time. It does take time to harvest the firewood, process and stack it.

And this is a judgement decision only you can make.

A few woodburners have had their experiences with cutting their own and have opted to buy. The chore became too time-consuming, and then, too, there were problems in locating a source of wood.

Others from the beginning have chosen the "buy" route.

First, calculate your needs for the season. Locate a seller and look over what he has to offer and consider the price.

Be sure the wood is dry. Buy by volume, not weight. About half the weight of "green" wood, fresh-cut from living trees, can be water. Buy wood that is air-dried, seasoned and buy by volume.

Remember, there are several types of cords: standard, face, short, long, solid and more.

The standard cord is a "tightly stacked pile of wood with all the pieces lying in the same direction, measuring 4 feet high, 8 feet wide and 4 feet long, or any other measures which multiply out to 128 cubic feet."

Pound for pound, all species of wood produce about the same amount of heat when burned; however, the weight for a given volume of wood, the density, varies considerably among the species.

Woods weighing 3500 to 4000 pounds per cord, (dry wood that is) are best. They include hickory, locust, dogwood, apple, hard maples, ash, beech, birch and, oak.

Woods with moderate density include cherry, soft maples, walnut. These are considered to be "medium" in relative amount of heat produced.

The poorer burning quality woods include aspen, poplar, pine, spruce and other softwoods.

Firewood cutting may hurt wildlife

HARRISBURG — Homeowners trying to break the stranglehold of energy costs may see firewood as the solution to their problem, but indiscriminate cutting of trees may, in the long run, be quite harmful to wildlife.

Sometimes overly dense stands need to be thinned to benefit remaining trees, but forestry and wildlife management practices need to be understood before cutting is done.

State game lands are purchased and managed primarily for the production of wildlife, and unsupervised firewood cutting can have a severe impact on the welfare of many birds and mammals. Some may think dead wood is worthless and should be cup up, but such is not always the case. It may be a death sentence for countless birds and animals.

Numerous bird and mammal species have evolved to fit narrow and specific places in nature. Without a hole in a dead tree, for instance, the redheaded woodpecker won't nest. Without nesting, redheaded woodpeckers will disappear. It's that simple!

Backyard feeders are frequented by chickadees — birds which depend on dead trees to provide holes for their "homes." Raccoons, nuthatches, fox squirrels, bluebirds, screech owls, flycatchers, wrens and many other birds and animals also depend on tree cavities.

The importance of den trees has long been recognized by wildlife managers, who arrange with foresters to leave sufficient numbers of them intact when planning timbering operations.

Great care must be taken before undertaking firewood cutting, and there must be planning for the well-being of wildlife.

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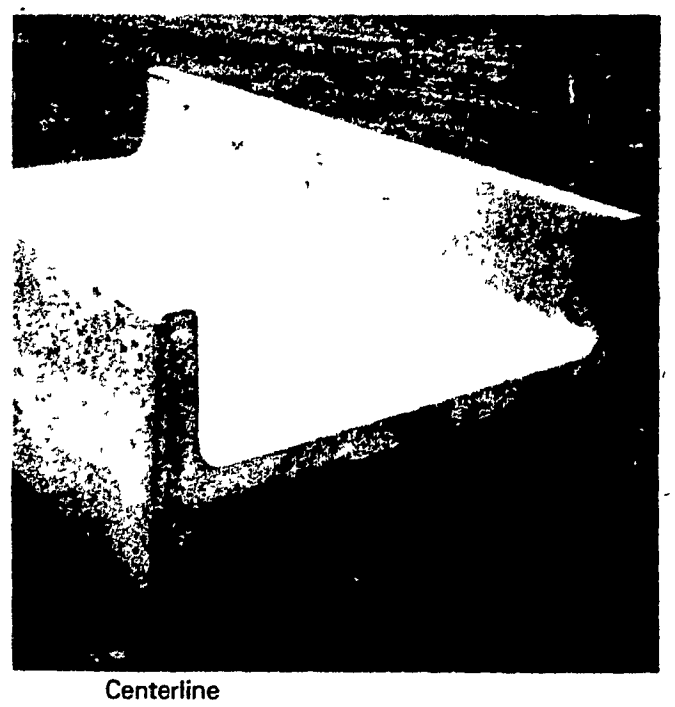

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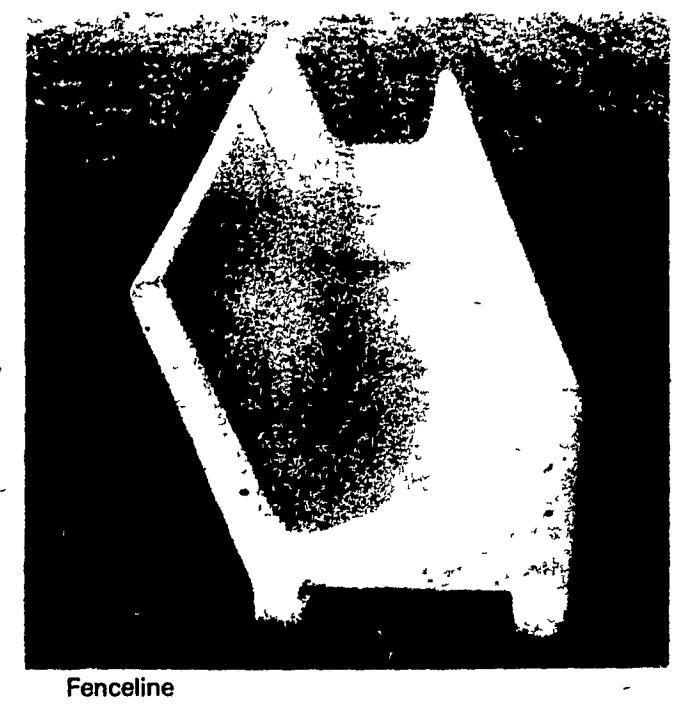

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Be alert for rabies, vaccinate your pet

UNIVERSITY PARK — Walking through a field in Blair County last month, a young boy spotted a wild skunk. Having the curiosity of most young boys, he picked up the skunk — and it promptly bit him. Later the skunk was found to have rabies.

In Wayne County recently, a man walking barefoot in house was bitten by a bat when he stepped on it. Like the skunk, the bat had rabies.

Although reported cases of animal rabies are not common in Pennsylvania, they do occur regularly. As of November 1981, 10 rabid animals had been reported in the state, fewer than the 19 cases reported in 1980 and 16 in 1979. But the broadening states of Maryland and West Virginia are experiencing serious problems with rabies, so Pennsylvanians would be wise to have all pets vaccinated and to be alert for wild or stray animals.

Nationally the occurrence of rabies is increasing rapidly. Last year cases of animal rabies rose 85 percent over the average for the previous five years. The number of reported cases nationwide jumped 67 percent in 1979.

"These figures reflect only the confirmed cases of rabies," says L. Dwight Schwartz, Extension veterinarian at Penn State. "For every case of wild animal rabies reported, there are probably many other cases in which the animal dies and is never counted."

Bats are by far the most common carriers of rabies in Pennsylvania. Of all reported rabid animals in the last three years, 91 percent were bats. But any mammal can be infected, including household pets. The rabies virus reproduces in the salivary glands and is transmitted by saliva from infected animals, usually by biting, Schwartz notes. Dogs and cats that go outside are susceptible to the virus through contact with other animals.

"Vaccination is the best way to protect your pets against rabies," Schwartz says. "Talk to your veterinarian about vaccinations. Your pets' vaccinations must be kept up to date."

Rabies vaccinations for dogs are effective for three years, and those for cats are effective for one year. Unlike some other states, Pennsylvania does not require vaccination for dogs and cats, although dogs three months old or older brought in from outside Pennsylvania are required by law to be vaccinated, according to Dr. E.J. Witte, director, Division of Epidemiology of the Pennsylvania Department of Health. It is up to the pet owner to make sure pets are safe from rabies.

Wild animals should never be kept as pets, Schwartz says, because rabies may be present in the animal for a long time before symptoms show up. Skunks are particularly dangerous because they may carry rabies for up to two years before any signs of the virus are evident. Humans can be infected by rabies before the animal exhibits any symptoms.

Wild animals can be vaccinated with dog or cat vaccines, but Witte warns that there is no certain evidence that these vaccines are effective on wild animals.

"Teach your children never to touch any unfamiliar animal," Schwartz says. "Children are especially susceptible to rabies if they are exposed."

Cattle can also carry the virus, which is especially dangerous because farmers and veterinarians might be exposed to the saliva of rabid cattle before they realize the animals are infected. Common signs of rabies in cattle are frequent loud bellowing, a change in voice pitch, and constipation, Schwartz says.

Rabid cattle have not been much of a problem in Pennsylvania—the last reported case was for one cow in 1973. Witte estimates that 99.9 percent of the state's cattle are not vaccinated because of the rarity of rabid cattle here.

Schwartz explains that there is no typical symptom of rabies. "Different signs occur for different species, and even among different animals of the same species. The first noticeable sign in any animal is usually a change in behavior that may seem like a digestive disorder, injury, poisoning, or a foreign object in the mouth or throat." Because paralysis often begins in the throat, the animal will often stop eating and drinking. It may seek solitude.

After a few days, the animal will show signs of one of the two types of rabies. It will begin to be paralyzed (dumb rabies) or to act vicious (furious rabies).

"Because the signs of rabies vary, any animal behaving unusually should be avoided," Schwartz says. "If you have an animal that is behaving abnormally, call your veterinarian. If he suspects rabies, he'll tell you what to do."

Rabies is a virus that attacks the nervous system and finally the brain. There is no treatment for the virus once symptoms show up. Most animals die within 10 days of exhibiting symptoms, so Schwartz notes that there is not always cause to destroy an animal suspected of having rabies – the owner can wait and watch.

Anyone who is exposed to the saliva of a rabid animal must undergo treatment, which since the development of a new vaccine is not as unpleasant as it was in the past. Until last year, 23 inoculations were required with the old vaccine, but now only five inoculations are necessary.

Schwartz urges that any bite wound, especially one from a possibly rabid animal, should be flooded with isopropal alcohol to prevent infection.

Witte notes that anyone who is frequently exposed to wild animals might benefit from having a pre-vaccination series of inoculations which protects the person from the virus.

Inoculations are crucial for anyone exposed to rabies because once the symptoms appear, death is almost inevitable. Witte cites only two fully documented cases in which people showed the symptoms of rabies and lived. Approximately 150 Pennsylvanians have undergone rabies treatment since June 1980, and the last case of rabies symptoms in a human in the state occurred in 1952.

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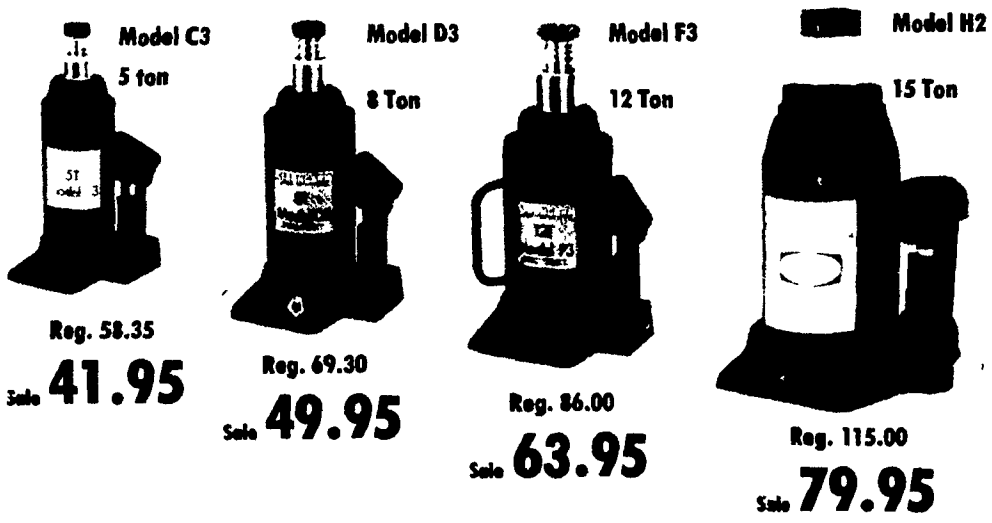

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Beef prices stable, hog prices up slightly

USDA forecasts slow farm economy for start of 1982

WASHINGTON, D.C. — The agricultural economy has been facing declining prices in response to this year's large U.S. and world crops.

In the next few months, however, final provisions in the 1981 farm bill and developments in the general economy will modify the marketing outlook. Hoping to brake the price decline, the Administration has proposed a wheat set-aside for the 1982 crop and has opened the farmer-owned reserve to this fall's feed grain crops, reports USDA's Economic Research Service.

With slow economic growth and high interest rates expected to continue through first-half 1982, general economic conditions are unlikely to boost agricultural prices in the near-term. However, economic policy, like farm policy, depends on the outcome of the 1982 appropriations process.

Expansionary spending and tax policies combined with tight money and credit policies could continue the "stop-and-go" pattern of economic growth for some time.

The slow economy is still squeezing livestock producers between costs rising with inflation and prices dampened by plentiful supplies and slow demand. For the year, hog prices will likely rise about $6 over 1980's $40 average, reflecting a 6-percent decline in slaughter; however, this decline in pork supplies will not be sufficient to raise cattle and poultry prices from last year's levels.

Declining livestock prices have been a major factor behind the continued downward revisions of farm income estimates through the summer. As the large crops became apparent, crop prices began to decline, further lowering receipts. Current prospects suggest that farm income in 1981 will not be substantially higher than 1980's low level.

Expanding U.S. crop prospects have accompanied declining Soviet prospects. Further deterioration in the Russian wheat crop estimate and a lower foreign export estimate raised the October estimate of U.S. wheat exports 2 million tons from September. Similarly, a lower estimate for Soviet feed grain production led to upward revision of anticipated U.S. exports, now forecast to rise 4 million tons from 1980/81 Total U S. grain exports for 1981/82 are expected to be 128.3 million tons, 3.1 million above last month's estimate.

Improved export prospects have not raised price prospects because the October production estimates exceeded September's. The corn crop will likely reach 8.1 billion bushels, or 205 million metric tons - 22 percent above last year's depressed output. The wheat crop estimate remains at 2.7 billion bushels, or 74.8 million tons; while soybean production could reach 2.1 billion bushels, or 57.3 million tons.

This year's low prices and farm income point to slow markets for input industries in first-half 1982, as acreages will likely decline and farmers will continue to postpone equipment purchases. These conditions could strengthen a trend toward equipment leasing rather than purchasing.

Livestock

Cattle

Lower grain prices, increased feeder cattle movement as grazing conditions decline, and prospects for modest profits late in the fall should encourage increased feedlot placements this fall.

However, fed cattle marketings are expected to remain below year-earlier levels through much of the first quarter of 1982. Lower fed cattle marketings plus nonfed slaughter near year-ago levels are likely to support moderately stronger cattle prices. But to obtain higher prices, feeders will have to continue holding down slaughter weights as they have this summer.

With total red meat and poultry supplies rising above a year earlier in the third quarter, meat prices began to decline in early October. This downward pressure was largely due to continued marketings from the record large April feedlot placements. However, most of these cattle were marketed by late October.

The feedlot inventory on October 1 was the smallest since 1967; cattle on feed in the 23 major cattle feeding states numbered 9 percent below a year earlier. Net placements during the third quarter declined 11 percent from a year ago, while marketings increased 4 percent from last summer. Feeders indicated intentions to market 3 percent fewer fed cattle than a year ago this fall. The number of cattle in weight groups likely to go to market in November and December fell 4 to 11 percent below last year.

Choice steer prices at Omaha declined from near $70 per cwt in early July to about $61 in late October as fed cattle marketings increased. Prices may average $65 to $68 in the fourth quarter, with prices near $70 possibly occuring late in the quarter. Prices are expected to average $66 to $70 in the winter quarter.

Feeder cattle prices at Kansas City remain under pressure from adequate feeder cattle supplies and narrow feeding margins. However, very favorable pasture and small-grain grazing prospects this fall — plus lower grain prices — are expected to support feeder cattle prices. Yearling feeder steer prices increased from the low $60s in early summer to around $66 in September. However, prices declined along with those for fed cattle in early October.

Prices are expected to remain near to slightly above fed cattle prices this fall and winter. Prospects for favorable small-grain grazing this year may also support feeder calf prices.

Hogs

Commercial hog slaughter for all of 1981 may range from 88 to 92 million head, down about 6 percent from a year earlier but the third largest slaughter on record. For the year, hog prices are forecast to average about $46 a cwt, compared with $40 last year.

Commercial pork production in the third quarter totaled about 3.6 billion pounds, down 4 percent from a year earlier. During July-September, barrow and gilt prices at the 7 markets averaged $50.42 per cwt. In September, pork production was 4 percent below a year earlier, and hog prices averaged $49.68 per cwt.

Sharply lower corn prices and only slightly lower hog prices in September combined to produce the best cost and returns situation of the year for hog producers.

Hog slaughter for the fourth quarter will come largely from market hogs weighing 60 to 179 pounds on September 1. This inventory in the 14 major producing states was down 8 percent from a year earlier. Commercial slaughter is forecast 7 to 9 percent below a year earlier, with hog prices averaging $46 to $49 per cwt.

Dairy

Commercial disappearance of milk and dairy products (milk equivalent, fat-solids basis) for the first 8 months was about even with a year earlier. Relatively small retail price gains this fall shoud increase disappearance. Howeyer, the slow economy may hold the rise in use to about 1 percent.

September 1 commercial holdings of dairy products were equivalent to 5.8 billion pounds of milk, about 5 percent below a year earlier. Anticipated large milk production in August-October and high interest rates this year prevented the commercial stock buildup that normally occurs during February-July.

Meanwhile, Government holdings of dairy products (milk-equivalent basis) doubled to reach 14.7 billion pounds. Net purchases of dairy products by the Commodity Credit Corporation during the October-September milk marketing year rose 55 percent over 1979/80 - equivalent to 12.7 billion pounds of milk.

Broilers

Broiler producers continued to expand production in the third quarter even though costs exceeded wholesale prices. Broiler production in the third quarter was about 11 percent greater than in the summer of 1980, when low returns and hot weather reduced output.

Chicks placed for October and November production plus egg sets for December production suggest total fourth-quarter output may be 4 percent above last year.

Broiler prices were below year-earlier levels during the third quarter and are likely to remain lower again this quarter, partly because of seasonal factors. Although red meat supplies are below last year, the weak economy will likely restrain consumer spending and hold prices down.

Eggs

Production usually rises in the fourth quarter as demand increases, but this year it may trail last year by 1 percent because the flock is older and fewer replacement pullets will be available. Egg production during the third quarter of 1981 was about the same as 1980's 1,432 million dozen.

Egg production in 1982 is expected to be down 1 percent from 1981 because producers have had no financial incentive to add replacement pullets.

September egg prices in New York averaged about 75 cents a

(Turn to Page B39)

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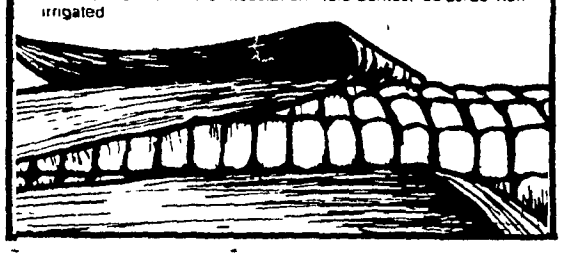

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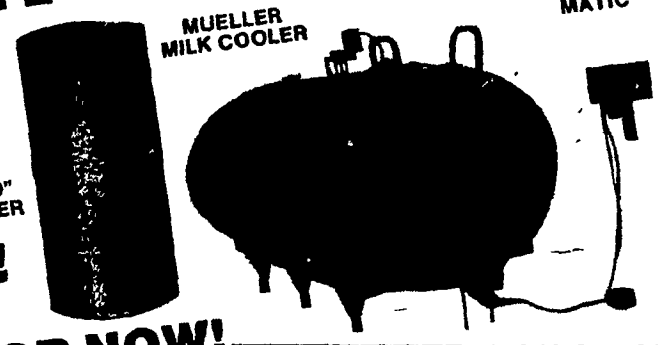

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USDA forecasts slow farm economy

(Continued from Page B38)

dozen, slightly above the 73 cents of a year ago. With continued tight consumer budgets and plentiful supplies of meat, wholesale egg prices in New York may average 75 to 78 cents in October-December, near the 77 cents of fourth-quarter 1980.

Turkeys

Even though unfavorable returns reduced the hatch from January through April 1981, turkey production in the third quarter was about 8 percent above a year earlier. The number of poults hatched suggests that production in the fourth quarter may exceed 1980 by 4 percent.

Record large turkey stocks and increased production are depressing turkey prices. Wholesale prices for young, 8 to 16 pound hen turkeys in New York averaged 59.5 cents in September, down from 74.5 cents last year.

Prices in the third quarter averaged 62.7 cents, down from 68.3 cents last year. Fourth-quarter prices are expected to average 55 to 57 cents, well below last year's 73 cents.

Crop

Soybeans

While 1981/82 U.S. soybean supplies will rebound sharply from last season's drought-reduced level, demand factors suggest only moderate gains in use.

Soybean production is forecast to jump 18 percent this year to 2.1 billion bushels, as higher yields outweigh the 2-million-acre drop in planted acreage. Larger production combined with a carryin of 320 million bushels will boost total soybean supplies to 2.4 billion bushels.

As indications of a bumper crop rolled in, soybean prices at the farm declined sharply — dropping from $7.42 a bushel in May to $6.29 in mid-September.

Without significant changes in the demand picture, prices are apt to continue at their current low levels through the heavy harvest period of October-December. The season average price is expected to fall between $5.50 and $7.00.

Total disappearance in 1981/82 is projected to reach 2.0 billion bushels, up only 9 percent from last season. Prospects for improved crushing margins resulting from relatively weak soybean prices will help bolster demand for domestic crushing — now forecast to rise 60 million bushels to 1,080 million.

A similar increase is projected for exports, which could reach 840 million bushels this season. Despite these increases, carryover stocks are projected to rise about a third to a record 420 million.

Feed Grains

As of October 1, the 1981 feed grain crop was forecast at a record 245.3 million metric tons, nearly 4 million above the September forecast and 7 million above the previous record set in 1979. The forecast corn crop of 8.08 billion bushels (205 million metric tons) is up 2 percent from the September forecast Total feed grain supplies are projected at 280.2 million tons, 11 percent above last year but 2 percent below 1979/80.

Feed use of all feed grains is expected to climb about 4 percent in 1981/82 to 130 million tons. The estimate of corn exports was raised 50 million bushels to 2,500 million because of increased trade prospects with the Soviet Union. Total feed grain exports are forecast at 74.1 million tons, up 6 percent from last year.

With a larger corn crop in prospect, carryover stocks will likely increase more than previously estimated. By the end of 1981/82, carryover stocks will likely be about 1.5 billion bushels, with total feed grain stocks projected at 50.0 million tons.

Larger supplies and an expected buildup of stocks have dampened the price outlook. This prompted opening of the farmer-owner reserve to 1981 corn, sorghum, and barley and to 1980 grain still under a regular CCC loan. Season average corn prices are now projected at $2.60 to $2.90 a bushel, compared with 1980/81's $3.10.

Wheat

The supply of wheat for 1981/82 is a record 3.74 billion bushels. However, total domestic use and exports are expected to exceed the record production of 2.75 billion bushels, leaving carryover stocks down from a year earlier.

Feed use for 1981/82 was forecast in late October at 200 million bushels, 75 million above the previous estimate. Stronger world demand, particularly from the USSR, is estimated to expand U.S. shipments to a new high of 1.9 billion bushels — 26 percent more than last season's record.

Although early season farm prices for wheat have been the lowest in 3 years, the increasing demand is expected to improve the price level. Still, the 1981/82 average farm price will likely be below last season's $3.96 a bushel

What price is a conservation practice?

By Herbert L. Brodie
Extension Ag Engineer

COLLEGE PARK, Md. — Each day I pass a field which once had a grassed waterway to carry upland runoff across the property.

This spring the field was disced and the waterway was eliminated, apparently to save time and management effort. The field was then left to stand fallow.

After the first rain it was obvious that, although the grass was gone, the waterway was still there The runoff followed its natural path and took soil with it, forming a gully. With each succeeding rain through May and June the gully grew in size.

The field was again disced to smooth the gully, and soybeans were planted. More rain produced another gully. As the season progressed the beans grew, and so did the gully.

The gully is about 1,200 feet long, 25 feet wide and 2 feet deep in the center. This is a void of about 30,000 cubic feet or about 1,000 tons of soil moved from the field in less than six months. This amount of topsoil would cost about $14,000. Obviously, this farmer doesn't put that much value on his soil.

In a nearby field of corn, the land was plowed and planted up to the road ditch. Eroded soil covers the road and has filled the ditch This farmer not only throws away soil, but he pays taxes to have the county clean the ditches and take his soil away

Is the operation of machinery so complicated that tillage tools cannot be lifted across a grassed waterway without destroying it? How much additional combine maintenance will result from crossing a gully on every field pass? Is the value of corn in end rows so high that grass buffer strips cannot be maintained to prevent soil loss?

What is soil worth on your farm? If you're just going to let runoff carry it away, give me a call. I'll arrange for a loader and a truck and we'll sell the soil to someone who can put it to better use. That way you'll get some income and road crews can spend their time fixing roads rather than cleaning ditches. Unfortunately, we won't stop the erosion of the remaining soil. Only conservation practices can do that. Contact your local Cooperative Extension office or Soil Conservation District office for assistance.

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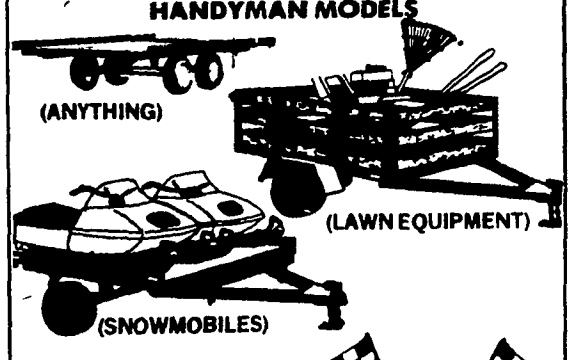

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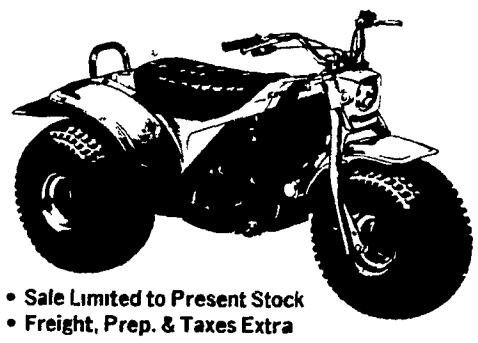

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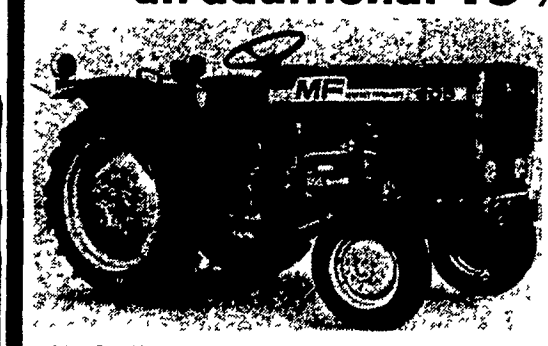

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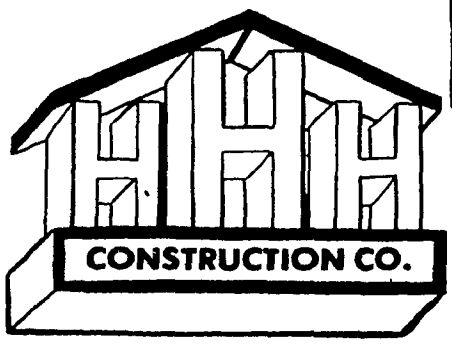

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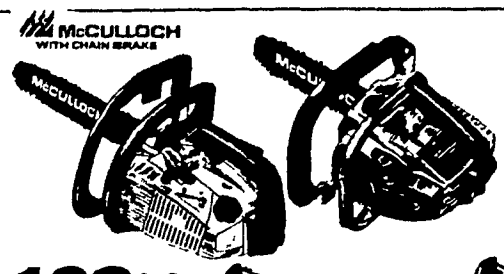

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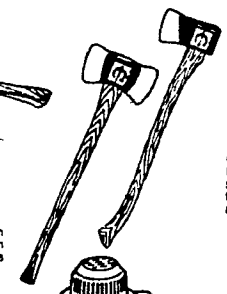

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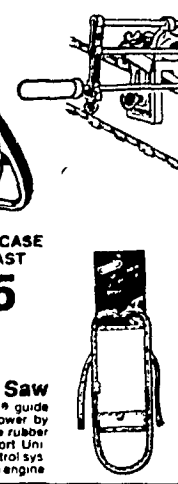

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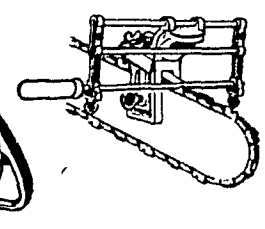

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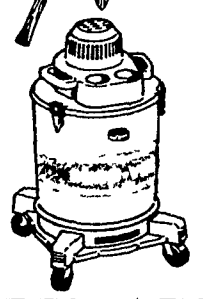

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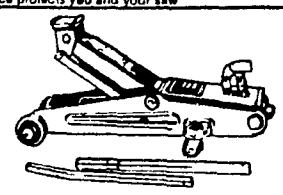

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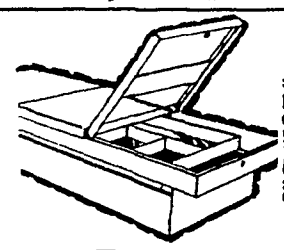

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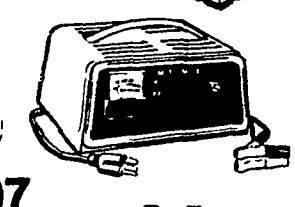

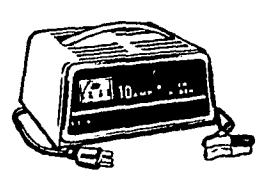

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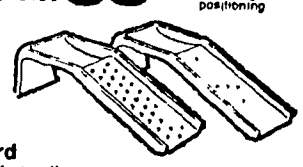

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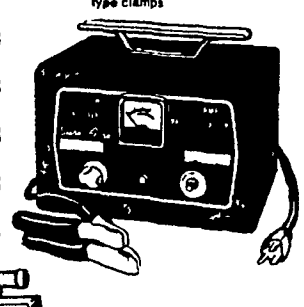

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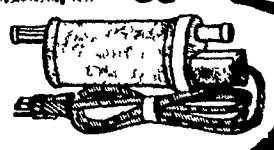

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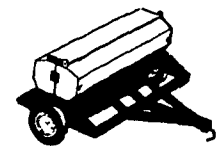

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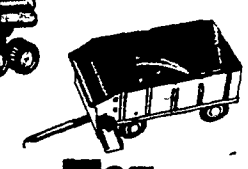

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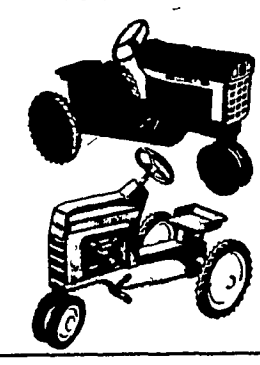

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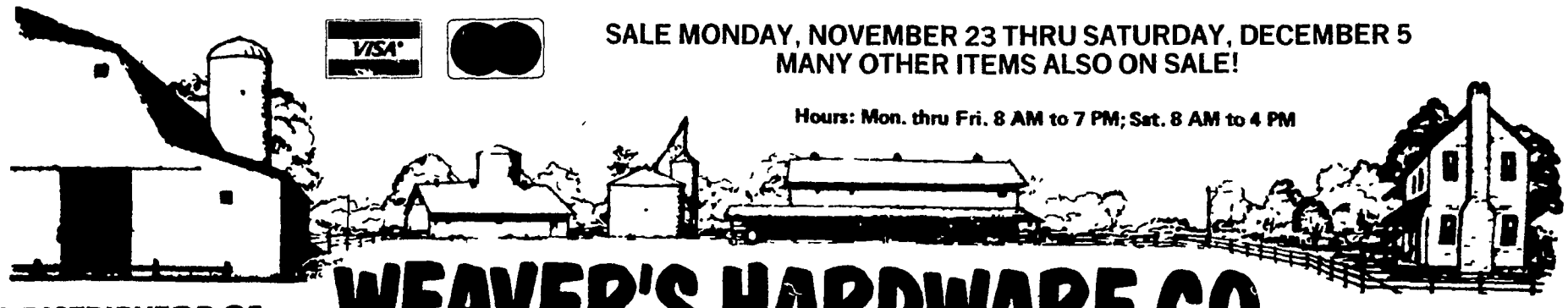

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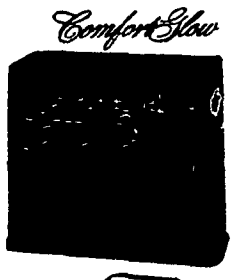

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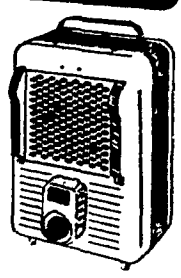

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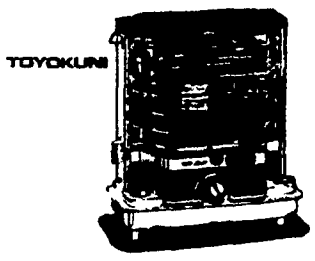
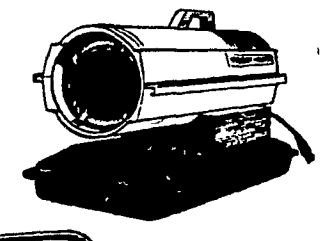
Utility Heater
Dual range heat selection. Automatic therm o dial thermostat. Fan forced convection heat

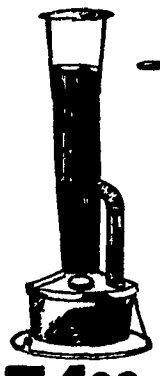


TOYOKUNI

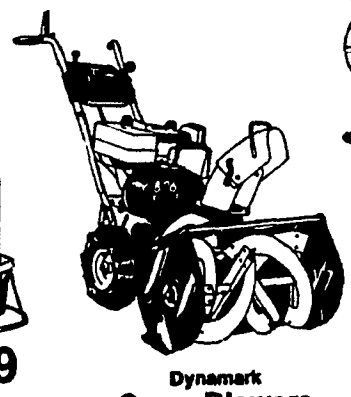
114.88
Reg 119 88 / SAVE 5 00
8 600 B T U 24207 260
149.88 Reg 167 88 SAVE 18 00
9 800 B T U 24214 140
Kerosene Heaters
Get clean heat with this compact portable. Heats by radiation. Features integral fuel tank, automatic shut off and glass wool wick.
5 Gal. Kerosene Can
22009-173 7 97



149.99
Reg 169 99 / SAVE 20 00
24000-260
30,000 BTU Space Heater
Completely portable burns kerosene or #1 fuel oil operates 4 to 10 hours on a 2 25 gal tank of fuel reliable solid state ignition and automatic flame out control

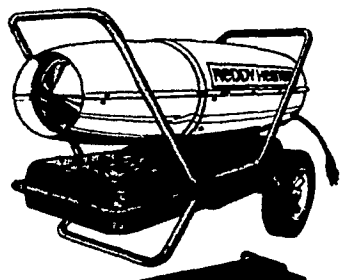


74.99
Reg 79 99 / SAVE 5 00
23990-260
Oil Burning Heater
Lights with a match. Equipped with damper device for quick sure extinguishing and handles for easy moving. Tank capacity of 10 gallons

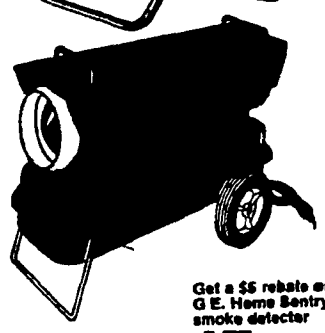


Dynamark Snow Blowers
These hefty machines are ready for the cold with winterized engines. Each has adjustable depth gauges and a key engine switch. All are recoil start, and 5, 6, & 10 hp. models are self-propelled. Chains not included.

	ONLY
3½ Hp. 20" 26858-258 Reg 288 95	279.99
5 Hp. 20" 22547-258 Reg 499 95	ONLY 399.99
8 Hp. 26" 22548-258 Reg 649 95	ONLY 599.99



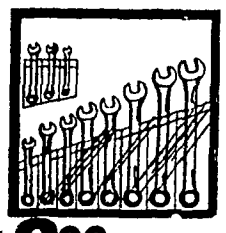
249.99
Reg 269 99 / SAVE 20 00
23985-260
90,000 BTU Space Heater
Completely portable burns kerosene or #1 fuel oil consumes less than 1 gal per hour 9 gallon tank spark plug ignition and automatic flame out control



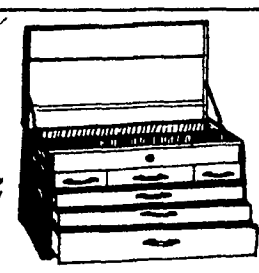
329.99
Reg 349 99 / SAVE 20 00
24001 260
150,000 Space Heater
Completely portable burns kerosene or #1 fuel oil consumes less than 1 1 gal per hour 11½ gallon tank spark plug ignition and automatic flame out control

8.49
Reg 9 97 / SAVE 1 48
18700-138
BC Type
11.77
Reg 14 47 / SAVE 2 70
18702 138
ABC Type
21.49
Reg 25 77 / SAVE 4 28
18715-138
2A BC Type

11.49
Reg 12.99 / SAVE 1 50
10606-084
Vise Grip® Set
5" and 10" wrenches curved jaw model with wirecutters and easy release

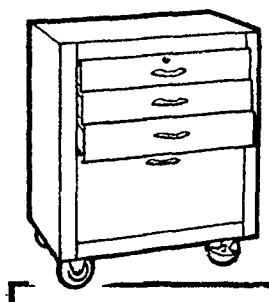


9.88
Reg 13 88 / SAVE 4 00
Metric 13533-022
13.88 Reg 18 88 / SAVE 6 00
Standard 13526-022
11 Pc. Wrench Sets
Standard Set sizes ¼" thru ¾"
Metric Set sizes 7mm thru 22mm

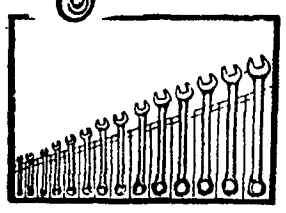


Buy both pieces below and SAVE 37.88
279.99 Cabinet & chest
Reg 317 87 / SAVE 37 88

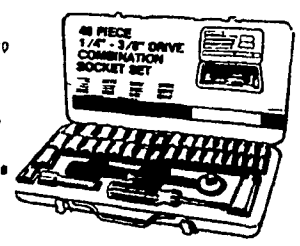
129.99
Reg 137 88 / SAVE 7 89
13503-022
6 Drawer Chest
Full supervision drawers are easy to remove for cleaning. Chest is 26" long, 13⅜" deep and 14½" high. Includes drawer lock



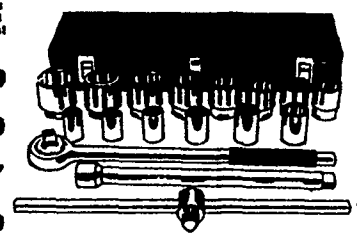
169.99
Reg 179 99 / SAVE 10 00
13504-022
3 Drawer Roller Cabinet
Full supervision drawers are easy to remove for cleaning and they lock. Large bottom storage compartment. Heavy duty 4" casters 26½ x 18¼" x 29¾"



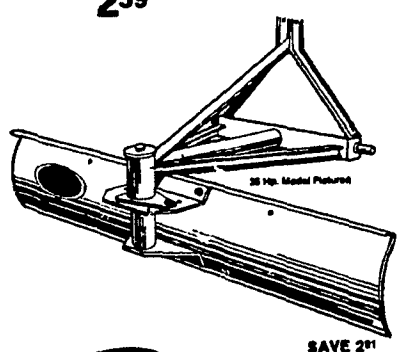
24.97
Reg 29 97 / SAVE 5 00
13447 022
14 Piece Wrench Set
Combination box and open end in its own roll-up pouch. Sizes ¾" to 1¼"



7.88
Reg 11 88 / SAVE 4 00
13557-022
40 Pc. ¼"-⅜" Dr. SAE - Metric Socket Set
Includes ⅜" drive ratchet 3" extension ⅜"-¼" adaptor ¼" spinner handle 16 sockets from ¾₁₆" to ⅜" 16 metric sockets from 4 5 mm to 19mm and a 13/16" spark plug socket. Comes in metal case with carrying handle



12.99
Reg 139 99 / SAVE 15 00
13540-022
18 Pc. ¾" Drive Socket Set
Includes 14 twelve point sockets. Ratchet drive handle extension and metal case. Socket sizes include 5/16 3/8 7/16 1/2 9/16 5/8 11/16 3/4 13/16 7/8 15/16 1" 1 1/16 1 1/8 1 3/16 1 1/4" 1 5/16 1 3/8" 1 7/16 1 1/2" 1 5/8" 2"

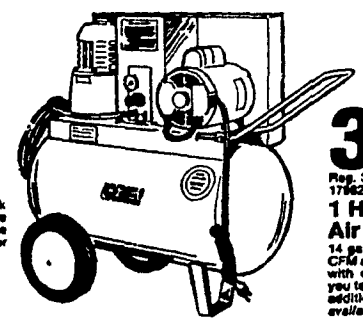


SAVE up to 20.00
Three Point Tractor Blades

	SALE
6' 30 Hp. Rating 28858-157 Reg 169 99	149.99
6' 35 Hp. Rating 28825-157 Reg 219 99	SALE 199.99
7' 35 Hp. Rating 28825-157 Reg 249 99	SALE 229.99

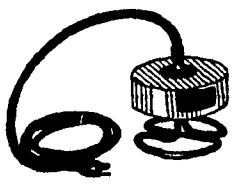
Cordomatic Handy-lite Reel
Pull out 18 gauge 2 wire cord to desired length up to 20 ft and it locks retracts automatically. Bulb protector is plastic
16.88 Reg 19 88 / SAVE 3 00
9595-055

16.67
Reg 18 99 / SAVE 2 32
27800-285
50 Lbs. Milk Replacer
Higher quality than many milk replacers on the market. Compare for yourself and see the difference the quality can make in your animals



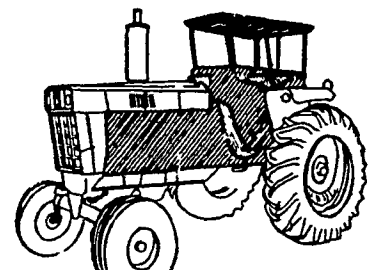
319.95
Reg 368 95 / SAVE 50 00
17962-106
1 Horsepower Air Compressor
14 gallon tank, 8.4 CFM displ., 6.0 CFM at 40 psi. Dial-O-Matic control with easy to read gauge enables you to dial the pressure desired-no additional regulator needed. Not available in Massachusetts.

35.99
Reg 39 99 / SAVE 4 00
28200-311
Mercury Vapor Security Light
Light turns on automatically at dusk and off at dawn. Mercury vapor bulb gives 2½ times the lighting capacity with 16 000 hours average bulb life. Comes complete with aluminum support lamp photo control and hardware



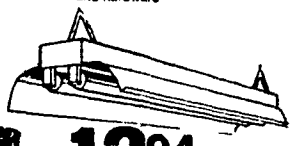
SAVE 2.01
Floating Stock Tank De-Icer
Completely sealed terminal immersion element heats water directly. Alloy construction. Portable just plug in the 8' power cord. Automatic thermostat control

	SALE
1,000 watts 19561 144 Reg 24 98	21.97
1,500 watts 19562 144 Reg 27 88	SALE 24.97

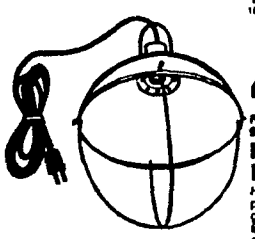


5.27
Reg 5 77 / SAVE 8%
19008-141
Combiotic
Treats footrot pneumonia shipping fever wound infections joint infections. 100cc bottle

Reg. 144 99 / SAVE 5.00
18040-115
Lincoln 225 Amp Arc Welder
139.99



13.94
Reg 17 44 / SAVE 3 50
28208-311
48" Shop Light Fully Assembled with Bulbs
Comes fully assembled and includes bulbs. Steel construction with white enamel finish. Includes grounded cord and plug chain and hooks for hanging

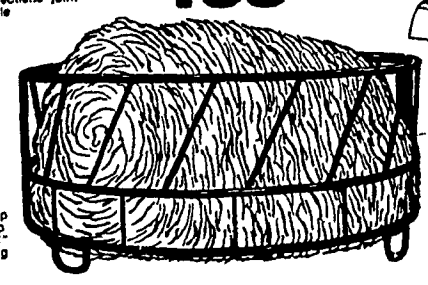


4.29
Reg 4 59 / SAVE 6%
9588-055
Hanging Brooder Lamp
Hanging reflector complete with porcelain high heat socket and wire guard for the bulb. Complete with 6 18 guage wire and plug. UL approved.

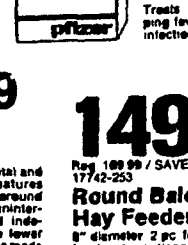
Clear Bulb 11432 133	SALE 1.59 Reg 1 89
Infra Red Bulb 11433-133	SALE 3.77 Reg 4 29

97.99
Reg 102 99 / SAVE 5 00
Universal Heater Cab
Will fit most popular models of tractors. Extra side adjustments cut tapered to fit contour of tractor hood

Side entry	11155-235
Rear entry	11162 235
Small models	11169-235



479.99
24600-214
Clear-Vue Cab
The streamlined sturdy metal and fiberglass upper cab features "tinted tempered glass" all around the operator giving an uninterrupted view. Can be used independently by removing the lower vinyl section. The lower cab is made of heavy duty vinyl designed to fit every angle and bend of your tractor. Fits all tractors with fenders



149.99
Reg 169 99 / SAVE 20 00
17742-253
Round Bale Hay Feeder
8' diameter 2 pc feeder with drop in pin connections for fast set up. Made of heavy 1¾" tubing with 1" slant bars. Legs prevent freezing down

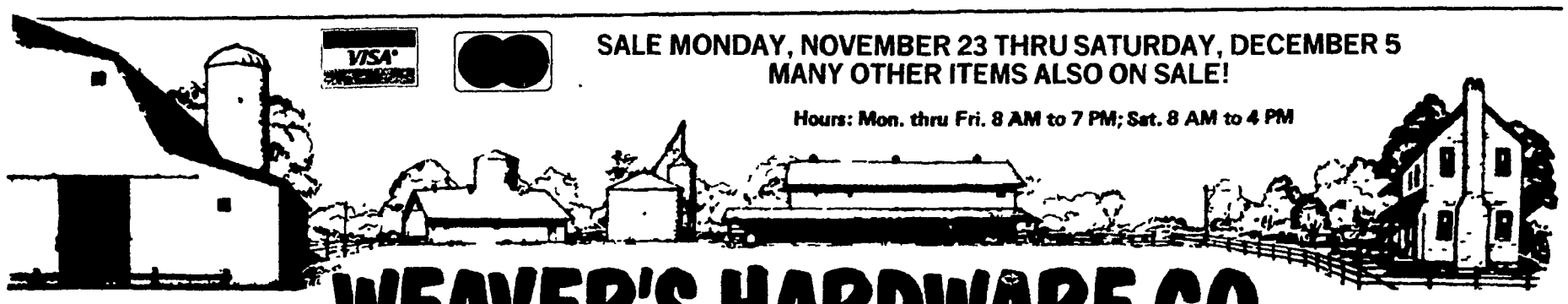
Get a $5 rebate on the G E. Home Sentry smoke detector
15.97 Central Tractor's SALE PRICE
5.00 Less Rebate from G.E.
10.97 Your Final *Net Cost
G.E. Home Sentry Smoke Alarm Model 9201 comes complete with a battery

Heat Tapes
Electric-UL approved components develops 5 watts per foot. Automatic heat tapes w/pilot light and thermostat preset at 36° F

	SALE
6' Automatic 28560-201 Reg 6 88	6.29
12' Automatic 28567 201 Reg 7 88	SALE 7.19
18' Automatic 28568-201 Reg 8 88	SALE 7.97
24' Automatic 28569-201 Reg 9 88	SALE 8.99

SALE MONDAY, NOVEMBER 23 THRU SATURDAY, DECEMBER 5
MANY OTHER ITEMS ALSO ON SALE!

Hours: Mon. thru Fri. 8 AM to 7 PM; Sat. 8 AM to 4 PM



WEAVER'S HARDWARE CO.

DISTRIBUTOR OF CENTRAL TRACTOR FARM & FAMILY CENTER

R.D. 4125 FLEETWOOD, PA. 19522
(on main road from Fleetwood to Topton)

215-944-7486
or 944-9648

Md. farm cash receipts down $3.9 million

COLLEGE PARK, Md. — Cash receipts from Maryland crops and livestock marketing in 1980 amounted to $897,883,000, according to R.J. Beiter of the University of Maryland.

Livestock accounted for nearly $615 million, or 68 5 percent of cash receipts from marketing and crops accounted for over $283 million, or 31 5 percent of total marketing receipts Government payments of $3 5 million and net receipts from Commodity Credit Cooperation loans of $4.9 million added $8.4 million to Maryland farm income. An additional $8 5 million for the value of commodity home consumption provided a Maryland total gross farm income for 1980 of nearly $915 million.

Maryland's cash receipts for farm marketing in 1980 was nearly $3.9 million less than the previous year. Increased government payments and net income from Commodity Credit Cooperation loans provided $8.4 million income which along with nearly the same value of home consumption as in 1979 offset the drop in cash receipts and resulted in a net increase in Maryland gross farm income of $5 million, up 6 percent over 1979.

With an estimated increase of 10 to 15 percent in Maryland farm production expenses during 1980 net farm income will probably show a decline for the year. Assuming no significant change in net farm inventory the total net farm income for Maryland farmers could be off as much as 50 to 60 million dollars. A net increase in farm inventories could modify the decline in net farm increase by as much as $10 to $20 million.

Projections of farm income for 1981, originally made nearly a year ago, have been modified during the year. Favorable weather conditions during the 1981 growing season have produced substantial increases in crop yields over earlier forecasts, with an accompanying decrease in prices. Animal product prices which started the 1981 year low have increased during the later part of the year and will average out with a modest gain for the 1981 year.

Maryland, with nearly two-thirds of it cash farm income from animal products, should realize only a modest gain in farm income in 1981. The broiler industry and the dairy industry have both increased production during 1981 with broiler prices down over the 1980 price and milk prices up only moderately.

Estimates of farm expenses indicate an increase of perhaps only 8 to 10 percent for 1981 compared with estimates of 10 to 15 percent in 1980. With production up net farm income in 1981 will probably show some increases over the reduced net farm income expected for 1980.

Net farm income to Maryland farmers in 1982 will depend upon several factors:

General economic trends, nationally and internationally;

Legislation effecting dairy prices;

Cattle and hog feeding in response to grain prices;

Total meat consumption trends, and trends among chicken, pork and beef consumption; and,

Grain export agreements and world competition for wheat and feed grains.

Maryland total net farm income in 1982 will probably show only a slight increase over that expected for 1981. Production will probably continue strong for the livestock sector, at least through the second or third quarter of 1982. Crop production may be about the same or decrease slightly depending upon government programs and growing conditions throughout the year. With some moderation in the inflation rate farm production costs should hold increase to 8 to 10 percent or less at least in the later part of the year.

For top corn yields this year!
UNIPEL®
21-7-14
fertilizer!!
It meets the changing needs of most soils and supplies the ratio of Nitrogen, Phosphate and Potash...to maintain a favorable plant-nutrient balance for top grain and forage production.
Pelleted UNIPEL 21-7-14 is an ideal fertilizer for the grower who wants a Uniform Single Application of a complete fertilizer on corn in Spring or Fall. It's especially good for programming high yield corn for grain, or for silage, and for corn/soybean rotations.
Let's talk about it.
Come in and see us soon.
ORTHO
FERTILIZERS
Helping the World Grow Better
P. L. ROHRER & BRO., INC.
SMOKETOWN, PA
PH: 717-299-2571
TM's ORTHO, CHEVRON and design UNIPEL Reg U S Pat Off CHV 57888

MAILBOX MARKET

For Sale Used tin from barn roof, good for side of building, Franklin Co 717 328 2971

For Sale- Appaloosa mare with filly, mare is excellent riding horse, won ribbons in 4-H Susq Co 717-727 2274 $750

Notice Will board heifers this winter Total mix feed Lanc Co Manheim & E-town area, 717-665-7284

For Sale- Gang slats for hogs, 4x8 & 4x10 End of stock clearance make offer Lanc Co 215-445-5165.

For Sale- Transmission from 1970 Ford Van, antique boards, radiator, Jason B. Siegrist, R6 Box 130 Lanc Pa 17603.

For Sale- 200' Clay barn cleaner chain, righthand, 16" wide Luzerne Co 717 379-3956

For Sale 3 selected Yorkshire and Duroc cross boars, performance records to show, priced reasonable, Lanc Co 215-445-4716

For Sale- Old 2½ story frame farm house to be removed, do not have to clean up 717-566 6904 Dauphin Co

Wanted 13 6-38 used tractor tire, 717 672-9426 Columbia Co

Stud Service for Norwegian elk hounds, AKC Champion bloodlines, $50 Free 1 small squirrel dog, 717 533 7677 or 838-4875

Registered Border Collie pups, excellent farm dogs, guaranteed to have herding instinct, $75 Col Co 717 925 6576

For Sale- 175 MF diesel English make on steel or might have tires, JD No 9 mower, 814 766 2785 Bedford Co

Wanted- Home for male German Shepherd purebred, five years old, good with children has papers 717 345 6245 Schuylkill Co

For Sale IH 444 gas w/2050 loader, fair condition, Oliver 66, as is Cumberland Co 717-258-6247

For Sale- NH 12' grass head for models 1880-1890 1895 sp harvesters, new cond cut 50 acre, Carroll Co, Md 301-662-5419

For Sale 1980 Ford 8000 truck equipped wew hoist and 18' grain body will trade part for dairy animals, 717-689 2218

For Sale Two recorded grade Toggenburg milking does Both re bred $125 & $150 215-869-8156 Chester Co

For Sale- Two 5 month old kids, dehorned male $40 Female $50 Gaymor-Almar Acres lines, excellent milk breeding, Alpine stud service Berks Co 215-944-7333

Will trade Right-hand Whirlpool gas refrig for left hand small refrig Stephen S Fisher, Lincoln Univ R#1 Pa 19352

MAILBOX MARKET

For Sale 171,000 BTU, New Yorker oil hot water heater Belt & gossett circulator, 28 tube hot water radiator, 215 857 9674 Chester Co

For Rent Space for one mobile home on a farm Lanc Co 717 733-4336

For Sale- New Holland 275 baler with thrower, excellent cond, looks like new, $2750 717 436 8628

Wanted- Car shop manuals, owner manuals Sales literature Model A Ford parts 609 641 5910

Beef For Sale- Angus Holstein cross $1 25 per lb Hanging weight Cut, wrapped & quick frozen, Chester Co 215-932 2039

Chimney cleaning, $40, get 20% group discounts, you arrange 3 or more jobs, 717 862 3527 York Co

Wanted Toy tractors and equipment, also peddle tractors From 1960's and before Spending hundreds Will travel, call 717 768 3554 Lanc Co

For Sale- JD No 7 corn sheller pto on rubber, cob stacker, drag for along corn crib, 717-463-2553 Juniata Co

Tame ferrets, smart, lovable housepets, raccoon faces, great mousers, eats meow-mix, $60 $75 Playful, Franklin Co 717 349-7610

Wanted Rollguard with roof to fit JD 2440 tractor, Mifflin Co 717-483-6996

For Sale- Ford log skidder, 3 cyl dsl, 8 spd w/diff lock Pusher blade & 2 log tongs, 717-566-8689 Dauphin

For Sale- JD #6 2 row corn chopper, dealer rebuilt 20 acres ago will deliver, $450/best offer, 607-776-6756 eves

For Sale 65 hp. Imperial Diesel tug boat engine, converted to saw mill engine, 302-653-4743 evenings

For Sale- 1978 Chevette 4 door hatchback, 4 spd, AM-FM radio, exc cond Chester Co 215 593 5371

Wanted- 20 laying pullets, 30 mile radius Collect 215-274 8582 Mornings Chester Co

Wanted 30 locust posts, 7½' delivered Chester Co 215 942-2379 after 6 p m

Wanted to Buy- Golden Palimino walking horse, quarter horse or Welsh type pony, Box 249, Friedens, Pa 814 445-6358 Somerset Co

For Sale JD transport disc, NH elevator, 11' flatbed wagon, front end loader for IH 300 utility tractor, Sch Co 717-345-4882

For Sale 2½ h p Famous Int 2 h p Whitte, 1¾ h p Galloway air-cooled engines, all on trucks 717 933-4081 Leb Co

Wanted Roll guard with roof to fit JD 2440 tractor, Mifflin Co 717-483-6996

For Sale- Cow calculator, 100 head, Reg Airdale pups, Leb Co 717-865-3462

Wanted- Feed oats 717-776 6220 Cumberland Co, call 6 a m or 6 p m

Wanted Dodge 300 truck in vicinity of Lawn, deodate, 57 or 58 for parts 717-272-1013 Leb Co

For Sale- Bred gilts or sows due to farrow soon Lanc Co 717-464 2028

For Sale- 3 yrs old billy goat $50 Ben S Lantz, Box 282 RD2, Strasburg, Pa 17579

For Sale- Used Mustang single-horse, step in trailer Has a single axle, needs paint $500 Lanc Co 717-872 5656

For Sale- JD 24T baler w/JD 2 ejector, nice, 717-761-0651 after 8 p m

For Sale- Approx 1200 lb springer heifers, $900, Heifers already fresh $1000 215 932 2764

MAILBOX MARKET

For Sale- Fiberglass dog carrier box $30 Universal partial tractor cab $25 steel feed bin, $30 Lanc Co 717-733-7185

For Sale- Pequea hay tedder, like new, electric Big Dutchman, 4 size egg grader 8 mo old part Nubian billy goat $35 Lanc Co 215-445 5704

For Sale 20 black face ewes Yearlings to 4 yrs old Short bred to polled Dorset Franklin Co 717 349 7281

For Sale 3 AKC Beagle pups, 1 male, 2 female, 4 months old Excellent hunting stock $65 each 717 768 3404 Lanc Co

For Sale VE4 Wisconsin engine, rebuilt 717-442 8308 $450 Lanc Co

For Sale- 100 guiana fowl, 4 mo old Sam King, 4 mi South east Strasburg, S. Belmont Rd, Ronks Rd

For Sale Service bull, 10 mo old, by Marvex, dam Penstate Ivanhoe Star dau Aaron Stoltzfus, Gap 1 Box 119, Lanc Co

Make Offer, two concrete block stay silos, 16x40 no unloader Del Co 215-268-3286

Wanted 14 Holstein heifers, breeding age or recently bred 717-367 2015 Lanc Co

For Sale- Heavy duty Bishman tire changer including inflating ring & tools, Earl Hain Jr, 315 Pleasant View Rd, York Co, New Cumberland Pa

For Sale- One man sleeper cap Fits standard size pickup, $120 or best offer, Lanc Co 717-367-5775

For Sale- 1000 gal Better Bilt honey wagon, $500 215-445-5796

For Sale- 10½ ft Pittsburg disk in good cond, 215-273-3585 Chester Co

Wanted- Pigmy goat for service or stud service, 717-653-5861

For Sale- 3 Fox Terrier puppies, purebred females, about 6 to 8 wks old Enos J Zook, Summit Hill Rd, Quarryville, Pa 17566

For Sale- Plow, Oliver 2 bottom 14" trip, hydraulic lift, $190 Lanc Co 717-354-7043

For Sale 8N Ford tractor w/new clutch and battery, good tires, good cond, 2nd owner, 717-752-7721 Columbia Co

For Sale- Sheepskin products auto seatcovers (cooler in summer, warmer in winter, reduce body fatigue, washable) Mittens, coats, rugs, 215-367-6388

For Sale- Horses boarded, excellent care, horse show tranportation, lessons available, $70. Perry Co 582-8343

For Sale 3 yr old saddlebred mare sorrel Traffic safe and sound ready to go Lanc Co 717 859-2832

For Sale- 2 Medicators (auto-medic) 1 new $125, 1-reconditioned $75 Both guaranteed Lanc Co 717-354-4586

For Sale- AKC Irish setter stud service, Lanc Co 717 687-6948

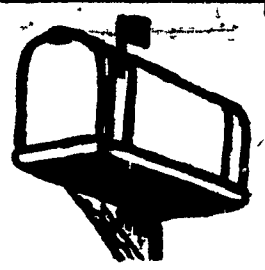
For Sale- IHC TD24 diesel bull dozer runs good needs work, two Michigan 12B payloaders, hard tires, after 5 p.m Somerset Co 201-469-4968

Notice will board hunters for deer season, near state land, For Sale Firewood, 814-628 2554 Tioga Co

For Sale- 72 -8' single hog slats, 9" Zimmerman manure auger, David Miller, R1 Box 43, Newburg, Pa 17240, Cumberland Co

For Sale or Trade Irish Setters for sheep, hunting stock, purebred, 6 mo old 215 593 6897

For Sale- Red & White bull HFAA Reg Sired by Agro Acres, Marquis Ned Dam projected at 20,408M, 926F Lanc Co 717 367 3344



FREE

Subscribers to Lancaster Farming will receive one advertisement FREE each month in our Mail Box Market. Subscribers using the Mail Box Market will be governed by the following rules.

Limit your advertisement to 20 words, area code must be added to phone number and, due to repeated requests, please include your county for buyer and seller convenience, all advertisements must be mailed to the office by Tuesday or same will be held over for next week's paper, no business advertisements accepted.

Include your Lancaster Farming mailing label and mail to:

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Lititz PA 17543

No Phone Calls Please

MAILBOX MARKET

Wanted- Used Bodmin Nu-Pulse pail milkers Steuben Co NY 607 525 6180.

Wanted- Ford Courier pickup truck in good shape, Might consider another make of small truck. Lanc Co 717-367-9295 after 5

For Sale Four-Boston Terrier puppies, ready now Henry R Miller, 2714 Creek Hill Rd, Leola, Pa 17540, Lanc Co

For Sale 6 yr old Standard carriage or buggy horse Broke for anyone Call 717-354 5039

For Sale JD 4400 combine, gas, variable speed, no heads Just out of the field, $9500 Snyder Co 717-374 8673

For Sale Farmall 300 tractor, fast hitch, torque, amplifier, live PTO, 13 6x38 tires, $1350 All good shape, 717-776-7858

For Sale- Reg Shropshire yearling rams and ewe lambs D'Ambra bloodlines, 717 949 3653 Leb Co

For Sale Used grass head for Fox 2000 harvester $200, good cond Union Co 717 966 3794

For Sale Boys 10 spd bike, $70, Baldwin organ, $500, Hobart S S slicer, $1500 Knauers, Berks Co 215 775-0130

For Sale Saddlebred carriage horse, sound, ready to go Aaron L Fisher, 2599 Bachmantown Rd, Lanc Co Ronks, Pa 17572

For Sale 1955 Vac 14=tri good rubber, mechanically sound, Snyder Co 717 374 4642

For Sale- Flock of 62 Suffolk ewes, 2 reg Suffolk rams, bred to Lamb in December, NH area 717-354-0909

For Sale Farm w/20 acres top ground, improved w/well septic, underground utilities, 20'x30' open front shed Homeville, PA Dwight Wagner, 717-786 2131

For Sale 55 hp tractor P/S, live pto, 3 point hitch remote valves, 8 spd, eves 717 789 3979 Perry Co

For Sale- Camelot's Black Knight - young purebred Nubian buck Longman, MFS, Cadillac, exc conformation 717 673 5644

MAILBOX MARKET

Will board heifers this winter, TMR consist of, Wheatlage, grain, supplement, salt minerals, approx 50 head Lanc Co 215-267-7870 evenings

For Sale- 1972 Peterbilt 318 Detroit, twin screw cabover, 13 speed, Road ranger, good cond 717-463-3547

For Sale- Two 12 hp cadets, mowers snowplows $1500 12 hp Ford mower, hydrostatic $1400 12 hp wheelhorse hydrostatic mower snowplow 1850 Lackawanna Co 717-563-2257

For Sale- NH 717 field chopper, single row, corn head Berks Co 215-682-7880

For Sale Farmall 340 utility with Sauder loader, good running order, power steering, $2000, also cream separator with motor, 215-944-9307

For Sale- 5 yr old standard bred carriage horse, sound & traffic safe 717-859-2241

For Sale- JD 45 manure loader, complete with extra snow bucket $250 A complete set of sectional wheel wgts 717-249-2300

For Sale- 1 Suffolk sheep buck, 2 spring lambs, Lanc Co 717-626-5503

For Sale- 25 steers 900 lbs. 4 hogs 150 lb 10 pigs. NI manure spreader, 717-444-3968

For Sale- Work harness 8 set, collars 33 for horses, hames 18, double and set harness pony bridle 717-428-1686

For Sale- MF Super 92 SP Combine Equipped for clover, timothy seed or grain Very low acres Lanc Co. 717-529-2723

For Sale- Men's shoe ice skates, size 9, $15 Ading machine, Victor $25 Paragon Kiln and accessories $250 717 529-2430

For Sale Oliver 77 gas NF & WF or will sell separate $1295 or best offer Good cond, 717 776 7692

Wanted to rent with option to buy 40-70 cow dairy farm Tenant has cows & equipment Lanc Co 717 529 2937

For Sale 9 ton feed bin, 30 gal gas hot water heater, Christ R Beiler, Box 379, R3 Quarryville, Pa 17566

For Sale- Suburban woodmaster $265, Coalmaster $285 Furnacemaster $350 Red granular onduline $5 00 sheet Ephrata R3 215 445 6885

For Sale $100 gold certificate also NH cord wood saw, new belt pulley fits JD 3010 & 4010 Adams Co 717 528 4914

13"x20" south bend lathe, floor model plain change $800 717 442 4203

For Sale 7 year old purebred Morgan gelding Mans horse, Esh Brothers, Telegraph Road, Airville, Pa 17302

For Sale 9N Ford tractor with Sauder loader, has hi speed trans $1900 717 345 8809

For Sale- 3 large steers grain feed $1000 to $1200 Large white ducks, corn feed $5 to $7 each Lanc Co 717 548 3154

For Sale- Wheat straw and oats straw 1951 Ford truck, model F4, 11,000 GVW, dump bed $500 Chester Co 215 857 2433

For Sale- 4 yr old saddlebred buggy horse, 16 hands safe & sound, Harvey Hoover, Star Route, Terre Hill, Pa 17581

For Sale 1974 Scout II, 6 cyl 4x4 stick shift, good rubber, inspected ready to go Lebanon Co 717 933 4485

For Sale 36" gas stove, girls 26" 3 spd bike, 4 sheets, new paneling & sweet potatoes Lanc Co 717 529 2746

MAILBOX MARKET

For Sale- NI 5 bar rake, rubber teeth $795 NI 12A spreader NH 455 mower, double guards $795 717-354-0266

For Sale- Used one year Berg long lasting barn cleaner chain CW, 12 KW stand by belt driven, drill press w/5/8" chuch, 215-445-5309

For Sale- Minnich Tobacco press, good cond, 717 626-5532 Lanc Co

For Sale- Oil burner in good cond complete Electric hot water heater, like new, also 200 amp switch box, 717-656-9836

For Sale- Wood - pickup load $35, 275 gal oil tank, $50. York Co 717-292-6275

For Sale- 12 ft Miller off set disk, $3500 Also JD 4430, loaded, P.S, dl, duals, make offer Call 215-683-7943

For Sale- Belgian horses and 2 young studs, Benj E King, Quarryville #3 Pa Box 398 near Greentree

For Sale- Cockatiels, hand fed, $60 Oldsmobile car, 215-593-6664

For Sale- Reg polled hereford bull, very gentle, proven sire, 1500 lbs Farmall A with attachments, re-built, 717-677-7557 6-8 a m

For Sale- Bank barn to be removed by buyer, Box 3, Landisville, Pa 17538

For Sale- 3 pt circle wood saw $275, real good JD 246 corn planter, 3 pt field ready, York Co 717-235-2032

For Sale- Schramm backhoe, fair cond, $3500. 717-267-2606 Lanc Co

For Sale- 12 ft. booms for Stoltzfus lime spreader, like new, 215-286-9276 Lanc Co

For Sale- 830 Case D CK on steel, new type open center wheels tractor in good shape, 717-966 2434 Union Co

For Sale Two Unico 10' 20 door hog feeders-heavy bottom U-Haul $300 each, $500 both, call after 5, 717-786 7122

For Sale- Old signs, photographs, magazines, etc wanted by collector, Lanc Co 717-393-4336

For Sale Netherland dwarf bunnies, pedg mini lopp bunnies, meat rabbits, dutch bunnies, Antique victorian love seat, York Co 717 244-1177

For Sale JD 350 crawler loader, 1971 Chevrolet C50 dump truck Ford skid loader, water cooled engine, Lanc Co 717 859 2792

For Sale- 3 Surge milkers $100 Montgomery Co 215 754 6045

Wanted- 1 or 2 pair of wood ducks, 717 252 2560 York Co

For Sale- Ducks, live or dressed, 215 445 6026

For Sale 16 pcs 2x12x16 used $50 steel window sash 72Wx55W used $5 each Lanc Co 717 665 5296

For Sale 3 yr old bay racing pony, stud, gentle, $250 or best offer, Perry Co 717-834 5024

For Sale Case 1816 Uniloader, range shelters, steel gates, starline, roto spreader, hog feeders, loading chute, Lanc Co 717 626 0846

For Sale Hereford bull serviceable age, 2 hereford heifers, 301 357 5764 Baltimore Co

For Sale 3 IHC disc, plow, bottoms and parts, Howard Shenberger RD22, York, Pa 17402

For Sale Snowplow front hookup for Ford 1600 tractor, like new, $500 Berks 215 777 5238

Wanted Tires 6x16 650x16 or 700x16 new or used, Call collect 215 678 5461 Berks

For Sale- Reg Guernsey cows, all ages Shown as 4-H and FFA Projects, Berks Co 215 682-7880

MAILBOX MARKET

For Sale- 78 Jeep CJ5, headers, 6 cyl 3 speed, new paint, $3500 Firm 215-367-5563 Berks Co

Wanted- Delaval milkers 50 lbs pails or Bou matic milkers will pay good price, 215-445 4144 Lanc Co

For Sale Milk sled, good condition, phone after 6 30 p m 215-845 7021 Berks Co

For Sale- $2400- 1974 Dodge 3/4 ton P U club cab, PB, PS, auto $300 P U camper, 215 777-3176 after 6 p m Berks Co

For Sale- 16 A Farm, ranch home, pine tree setting, stream, oil heat, garage, out buildings, orchard Eastern Shore, Md 215 932-8400

Wanted pickup truck, 6 cyl, automatic transmission, 201 938 5534

For Sale- Mehu-Maija juice extractor & steamer cooker, 215-267 3624

For Sale- 4½ acre farmette in Schuylkill Co large barn, insulated farm house, coal, hot water heat Ideal roadside market location, 717-682-9391

For Sale Used two door gas refrigerator $100 or best offer. Franklin Co 717-532-3989

Wanted to buy a used New Holland Round baler 850 or 851 in good cond, 703 885-2310

For Sale- Chev pickup body step side $300. Front end loader fits most tractors duel hyd $800. Chester Co 215 458-8433

For Sale Manure loader with hydraulic pump and snow bucket for AC 'G'. Good cond, $185 Lanc Co 717-548-2559

For Sale- 1-00 Frick sawmill, good cond, 717-362-8227 Dauphin Co

For Sale- 72 Ford Econovan, antique parlor organ, 69 71 Mustang rear wing, black louver for 79-82 Mustang, Berks Co. 215 777-1013.

For Sale- Young's corn fodder shredder with thresher blower attachment, 180 Daniel Stoltzfus, Lanc Co Along 896 Christiana, Pa 17509

For Sale Dodge ½ ton truck, 4x4 4 speed, lock out hubs, 318 V 8 engine, big bed, $1500 Lanc Co 717 872-5712

For Sale- Suffolk lambs $55 each Berks Co 215-582-3066

For Sale- D2 Cat tractor, wide guage, wide tracts Good cond, 717 752-3102

For Sale 750 Schwartz mixer wagon w/scales, good condition, 26' 12" auger, PTO, 36' 6" auger, PTO Lanc Co 717 653-4028

For Sale Young goats & older goats some bred 7 Guineas, Perry Co 717-789 3506

For Sale 18 ft stake truck bed with steel frame and cattle racks Adams Co 717 334 8289

For Sale 2-16 hole hog feeders, Compressor for small bulk tank, & A 12' steel flat bed truck body, Snyder Co 717-374-0492

For Sale Stud service, registered purebred nubian, good lines $25 Boarding available, Berks Co 215 689 9895

For Sale- Four wheel drive 1971 Chevrolet C-10 truck $1600 Snowmobile Suzuki 440 mileage 1040, good cond, York Co 717-757 2960

For Sale 6 steers, good buy, steers from a farm average 800 lbs 61 cents a lb York Co 717 428-1258

For Sale New 801 3 pt hitch for 2 cyl JD 1937 JD AR, 1941 JD AW York Co 717 432 3991

For Sale Herd of 77 cows, 32 PB, 45 graders RHA 17,000 680 Fat 10 Elevation 4 Astronauts, Ivanhoe star, Jet Stream, Jemini 717 354 4374

MAILBOX MARKET

For Sale- 570 Int tandem axle hyd tailgate manure spreader, like new, $3000 Athens 7 tooth 3 pt chisel plow, $1100 717 292-4154 York Co

For Sale- Humidifier, used 3 months, $30 Sylvania 10" Black and White TV - sound needs adjusting, Lebanon Co 717-272-2533

For Sale Must sell 1973 K W Cabover tractor 350 Cummins 13 spd 1978 Ravens 40' spread on air w/side kit, Frederick Co, Md 301-775 2766

Wanted- Old barns, or sheds, prefer unpainted 301-264-3770 evenings

For Sale- Reg Nubian buck, 2 yrs old, exc stock $90 or best offer Want to buy mixed hay or timothy Gloucester Co NJ 609 478-4188

For Sale- C AC with loader & scraper $800 Whirlpool portable dishwasher $35. Both run great! Lanc Co 717-687-6321

For Sale- Riding garden tractor, disk, plow, cultivators, harrows & snow plow, Gravely tractor cultivators, rotor plow, chainsaw, mover head, Bush hog, Chester Co 215-932-9052.

For Sale- Breeder bull Angus/Chiana - 3 yrs old, Dauphin Co 717-533-7194 or 533-2012 after 5 p m

For Sale or trade- Irish Setters for sheep, hunting stock, purebred, 6 mo old, 215-593 6897

For Sale- King Ranch western saddle in very good condition, $350 or best offer. Also, US Army saddles, $275 Lanc Co 717-442-4259

Wanted- Hired help for summer of 1982, also tobacco press, Christ S Fisher, R1, Box 125, Paradise, PA, 17562

For Rent- Farm house, prefer middleage or retired couple, Breezewood, Pa Bedford Co 814-735-4917.

For Sale- Rye for cover crop, red butching roosters also 12 feeder pigs, 45 lbs 717-354-8207

For Sale Red & White Holstein grade bull calf Some cows & heifers soon to freshen, Lanc Co 717-684-8137 or 285 3878

For Sale Muscovy Ducks, full grown and firewood, Joseph B Esh, Atglen #1, Box 156, 19310

For Sale '76 Chevrolet pick up truck Heavy ½ ton capacity, auto, trans, power brakes, 33,000 miles, black Quarryville, Pa 717-786 3964

For Sale- Reg Hol service age bulls, Conductor from 2E-91 dam over 20,000 Glendell from VG Elevation Lebanon Co 717-867-2489

For Sale- Reg Hol bred heifer, calf, fresh cow JD 630 tractor York Co 717-235-1466 or 235 6776

For Sale App stud 15 3H black/white blanket, good disposition Throws big foals was ridden in parades w/mares 717 653 5327 Sunday 653 4286 Lanc Co

For Sale- Heavy duty tobacco press with electric motor for pressing, $150 Lanc Co 717-733 1048

For Sale Save on Whitmoyer vaccines, 50 dose Artrin-P $11 70, 50 dose Artrin $8 99, 50 dose Leptex $8 99 717 738 1964 Lanc Co

For Sale 2 acre property, w/large 10 year old brick house, barn & 3 car garage Lanc Co 717-354-9979

Good homes wanted for part- English Springer Spaniel puppies R#1 Richfield, Juniata Co, farm across from Mt Zion Church, Knousetown

For Sale Used tractor tires 16-9 38, 18 4 38, 18 4-34 Also all sizes new tires 6 100 22 tires, tubes & rims, $50 ea Lanc Co 717-656 8138

MAILBOX MARKET

For Sale Big Kerosene heater, stove, with thermostat and fan, two new recap studded snow tires, 7 75-15 Lanc Co 717-738-2547

Wanted Used tomato brusher, washer, sizer, used potato harvester, Mont Co 301-840-1066

For Sale- 1981 Gooseneck trailer for livestock, 20' long, 7 5' wide, 7' high plywood lined Call after 7 p m 901 782 3365

For Sale- JD 420 crawler loader, ready to work has power take off and draw bar $2200 Montour Co 717-672-2021

For Sale- AKC female Brittany Spaniel, 1½ years old, hunts. Also Smith & Wesson 12 ga semi automatic shotgun, vent rib, poly-choke, like new 717 273-6683 after 6 p m Leb Co

For Sale 220 & 250 Cummins Diesel engines & White 4000 truck components Also 4 - 8 75x16 5 new tubeless mud & snow pickup truck tires Chester Co 215 933-7379

For Sale- Ferguson 54" rotovator $2000 best to call before 7 a m Berks Co 215-683-7230

For Sale- Old wooden butter churn, $50 Nice black Caloric 30 in stove needs thermostat $65 Perfection space heater, good shape, $20 717-656-9595

Wanted- Cabin with small acreage in Berks, Dauphin or Schuylkill Co 717-548-2466

MAILBOX MARKET

For Sale New Idea manure spreader No 10 with brake, for 3 horses, 717-354 0616

For Sale 9 ton steel feed bin, (2) 14 9x28 tractor tires, 2 electric stock waters, egg-o matic, egg grader, 717 867-4495

For Sale- New Idea No 12A manure spreader, good cond, New Holland No 269 super hayliner baler, good cond, Lanc Co 717 284 4618

For Sale- 1952 Chevelle pickup, engine newly overhauled good rubber, good cond, Lanc. Co 717-665 3865

Wanted- 10 to 12 acres for tree farm No buildings required Unionville School area, Chester Co 215 388 1497

Stallion for sale- 5 yr old registered dapple gray percheron, Vegas bloodlines, 607-433 2681

For Sale- Combine JD #25, PTO w/bin, field ready, good cond, $275 609-586 2869 Mercer Co

For Sale- 2 1000 lbs Scotsman ice cuber air cooled 2 500" Manitowoc ice cubers water cooled 1-4 ½ doors Traulsen S S freezer, Morris Co 201 584-4360

For Sale- Baled corn fodder, appr 130 bales, one dollar each, Sch Co 717-385-2416

For Sale- 4 Yorkshire boar hogs 1 six year old saddlebred carriage horse, sound John E Stoltzfus, Gap R1 Box 467 Millwood Rd, Pa, 17527

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The results of the trials in the charts at the right show what these men were so eagerly awaiting.

Who else is so open about their field trial results–

even in this tough year?

Who else runs their field trial program so out-in-the open that competitors are always welcome?

Who else prints the results of all their trials no matter who wins or loses?

Who else prints all the trials — even in a tough year like this when crops were planted late, there were some pockets of drought and almost everyone had some harvesting delays. Another thing that's unusual about this year is that there are lots of new hybrids coming out.

When it comes to new hybrids, an accurate and out-in-the open yield trial program is not just important — it's crucial.

That's because you buy a new hybrid completely off yield trial results. Neither you or your neighbors have had a chance to try it before.

That's when you need to know that company's yield trial program is completely sound. When you look at side-by-side yield data comparing Jacques new hybrids to the competitors and Jacques, you can depend on those results.

Look at the way our trials are run. Farmers plant field length rows. They combine harvest just like you do. Corn is weighed and moisture-tested as neighbors and competitive seed dealers watch so you know the results have to be right. How do corn growers feel who come to see these plots harvested? We stood beside one grower who was watching so intently that he probably didn't realize he was thinking out loud.

What he said softly to himself: "Hmm,... side-by-side, that's fair...and there's an awful lot to corn, there's so much to know."

That corn grower was so right. There is an awful lot to corn, and beans, and alfalfa, and sunflowers, and sorghum.

You'll find the results of our 17th year of large scale testing in our 1981 Yieldbook. We think our testing program is done the way you want it: side-by-side, under real farm conditions, harvested with critics watching and all the results published.

Check the trials for your area on the crops you're interested in. A little time spent with our new book analyzing the strength and weakness of your present varieties could make that hour or two some of the most valuable time you'll spend all year.

See your Jacques dealer for a 1981 Yieldbook or send in a coupon. Do it right away!

1981 Corn trial

David Mast
Elverson, Pennsylvania

Planted: *May 6, 1981 in 30 inch rows*
Soil Type: *Silt loam*
Fertilizer: *75 lbs 0-0-60 plowdown, 7 gallons 10-34-0 starter, 19 gallons 30% liquid sidedress*
Weed Control: *½ lb Bladex and ¾ lb Dual pre-emerge*
Previous Crop: *Corn*
Harvested: *October 13, 1981 with a 510 Massey Ferguson*

Brand	Variety	Plants Per Acre	% Lodging	% Moisture	Bu./Acre At 15.5%
Jacques	JX186	22 580	9 3	21 0	146 8
Jacques	JX177	21 530	11 0	19 5	143.2
Pfeimer	64	21 530	12 2	21 5	126 4
Jacques	7780	18 380	7 1	22 5	144 8
Jacques	JX178	19 280	8 5	23 0	169 8
Jacques	JX180	19 690	10 7	24 3	158 4
Jacques	JX187A	18 120	7 2	24 4	149 1
Pioneer	3535	19 890	5 3	26 6	130 1
Pfeimer	611	16 540	11 1	26 5	123 1
Jacques	JX197	18 910	4 2	22 5	169 4
DeKalb	XL 61	22 320	8 2	27 8	150 7
DeKalb	XL 71	24 680	6 4	27 0	167 1
Pfeimer	632	23 110	6 8	26 4	133 0
Jacques	JX202A	23 110	6 8	27 1	158 3
Jacques	8220	26 520	4 0	26 5	154 8
Jacques	JX247	24 160	4 3	28 5	155 9
Pfeimer	636	25 470	5 2	28 6	137 4
Pfeimer	639	23 370	7 9	29 9	143 7

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LF 11

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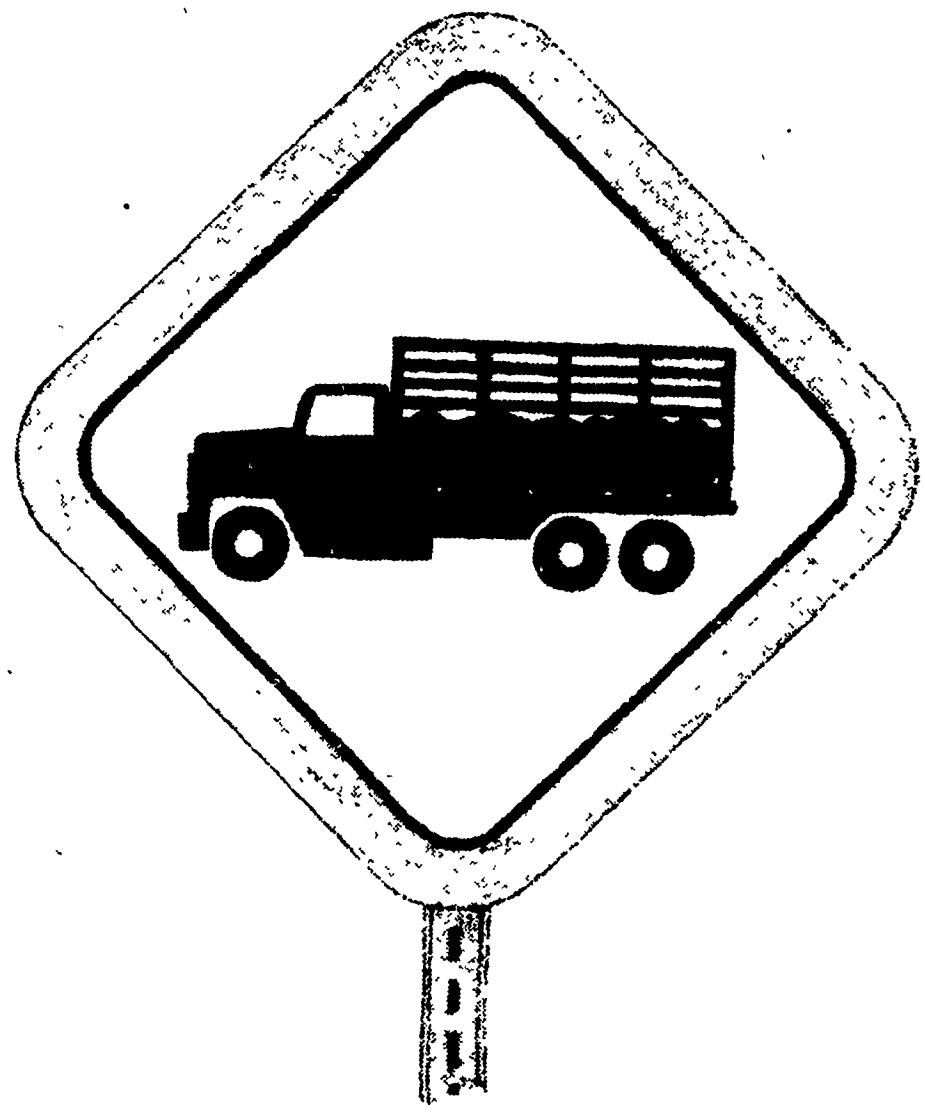
And it takes you all the way to bigger profits. With Wayne Complete Pelleted Hog Feeds, ingredient quality is uniformly high. Feed efficiency is superior. And because there is no grinding or mixing, your work load is greatly reduced.



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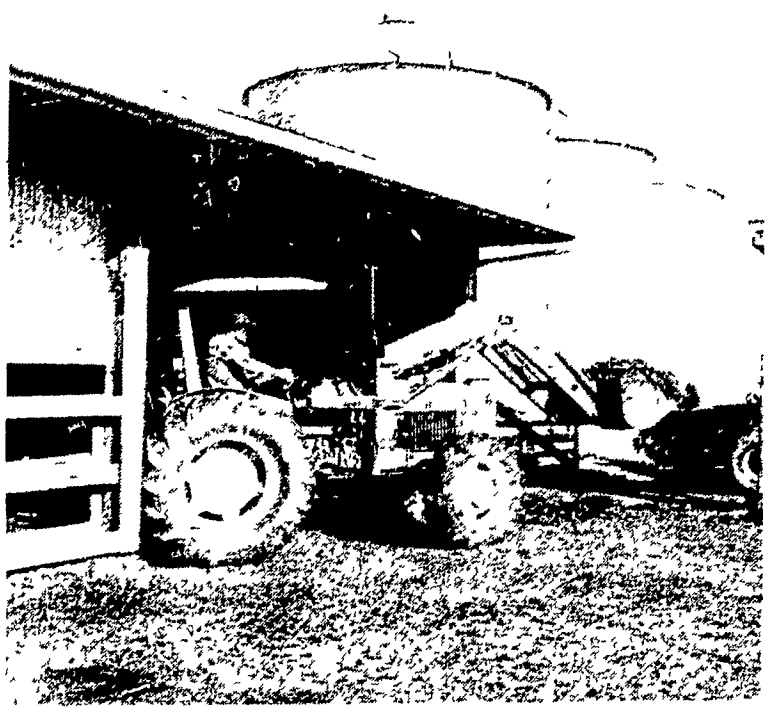
Farm Business News



Single-lever control, standard on new John Deere 175 loaders, combined with faster dump time, contributes to easy, quick operation.

Deere introduces loader

MOLINE, IL — John Deere has introduced a new agricultural front-end loader, the 175, for the company's 40- to 70-hp tractors It is fully compatible with any of these tractors, with or without mechanical front-wheel drive.

The 175 Loader has 2030 lb of lift capacity, 2675 lb breakout capacity, and a maximum lift height of 10 ft. 5 in. These averaged figures vary somewhat with tractor model.

Single-lever control, standard equipment on the 175, provides fast, easy operation of both boom and bucket for faster cycle time. A regenerative valve, which speeds up the dump cycle as much as 16% when compared with previous models, also contributes to faster cycle time.

Relocation of the patented torque tube, which connects the boom arms, provides dual benefits; it improves operator visibility and increases the overall strength and rigidity of the loader.

New silage cart offered

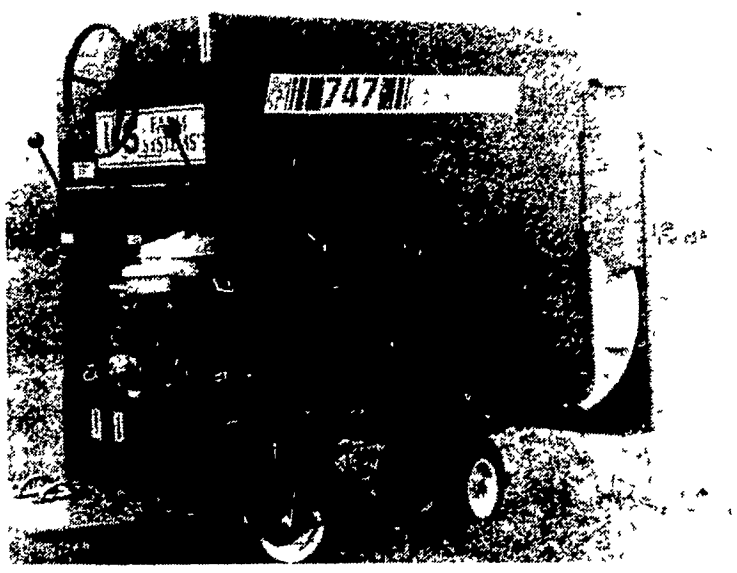
OXFORD — To simplify the chore of daily silage feeding of dairy cows, US Farm Systems of Pennsylvania has introduced a new mechanized silage cart.

This advanced design transport cart uses a hydraulic system to maneuver the cart and operate the unloading mechanism. A gas engine drives the hydraulic pump. Almost all belts, sprockets and ratchets have been eliminated to give this machine a simplified construction.

A circular kick wheel inside the cart allows the operator to unload from either side of the cart. In addition, this kick wheel eliminates all beaters and augers to allow 20 percent more load capacity from better utilization of box space.

This self-propelled riding silage cart operates forward and backward with two foot switches. The more downward pressure placed on the controls, the faster this cart moves The cart turns in it's own tracks and can be used to transport silage from the silo to other heifer and dry cow barns on the farm.

Farmers may request additional information from the manufacturer at 3053 Barren Road, Oxford, PA 19363



This is the new silage cart introduced by US Farm Systems of Pennsylvania.

Netherlands visitors tour poultry facilities

Twenty-nine DeKalb egg producers, hatchery and service personnel from The Netherlands recently visited poultry facilities in Pennsylvania and the company's Ag Research headquarters in Illinois. In Pennsylvania, the Hollanders spent several days touring DeKalb's hatchery at York, Wenger's Feed Mill at Rheems and Penn Quality Eggs near Gettysburg. Purpose of the trip was to learn the latest techniques and advancements in hatchery operations, growing pullets and layers, as well as egg processing and marketing.

Farm Credit office opens at Stockertown

STOCKERTOWN — A unique ribbon cutting ceremony highlighted the day's activities at Berks-Lehigh Valley Farm Credit Associations' Open House on Friday, Nov. 13, at Stockertown.

In keeping with an agricultural theme, Upstream Farms, of Easton, provided two calves to act as the posts for the ribbon, which was baler twine.

Pennsylvania Sec. of Agriculture Penrose Hallowell was the feature speaker at the ceremony and cut the twine, officially opening the new Farm Credit Office. Hallowell indicated that this was his first official visit to Northampton County. Assisting Mr. Hallowell, was "Jeff" Werley, Assistant District Administrator for Congressman, Don Ritter

The Tatamy office is the third loan office of the Berks-Lehigh Valley Farm Credit Associations and is located along route 115 south of Stockertown. The office will be responsible for serving the financial needs of the farmers in Northampton, Monroe, and Pike Counties. Farm Credit is a cooperative which specializes in short and long-term loans to farmers

The Tatamy Office is the third loan office of the Berks-Lehigh Valley Farm Credit Associations.

Participating in the opening of the Farm Credit office at Stockertown are, from the left, William Howerter, Farm Credit director; Penrose Hallowell, Pa. Sec. of Agriculture; and Jeff Werley, representing Congressman Don Ritter. In foreground are Christie Merwarth, left, and Tonya Starke with calves from Upstream Farms, of Easton.

The other two offices are at Fogelsville and Shoemakersville.

Employees at the Tatamy office include Richard Petkus, loan officer in charge, Edward Buss, field representative; and Carol Zukasky, office assistant.

Futue plans call for the opening of a fourth area office in Schuylkill County early nest spring.

Spreader checklist can reduce repairs

LANCASTER — Basic spreader maintenance helps avoid costly repairs and gets the job done sooner so farmers can get on with other tasks.

For box type spreaders, lubrication is as important as ever. The difference is that many modern spreaders can go for 100 loads or a month before needing relubrication

A box spreader maintenance checklist, offered by equipment manufacturer Sperry New Holland, includes

1 Inspect the drive belt tension at least every 300 loads and adjust if necessary Adjust as needed when new due to combined effect of initial belt stretch and wearing of paint from sheaves.

2 Check to be sure all safety shielding is free turning. The space between the drive shaft and shield should be lubricated to prevent corrosion

3. Adjust the apron evenly when necessary. Oil the apron chain every 300 loads, or every six months (whichever comes first) with used crankcase oil. Oil monthly when hauling manure of a highly acid nature.

4. Lubricate the machine as recommended. Oil all chains and linkages. Oil chains liberally before storing the machine.

5. Check the oil level of the gearboxes at least one each season and fill to the check plug.

6. Keep all chains properly adjusted

7 Keep all bolts and nuts tight Torque wheel lug bolts to 160 ft. lbs. (217 N.m.)

8. Check the tires periodically and maintain correct tire pressure. Remove the weight from the tires when storing the machine

9 Keep the beater paddles and teeth clean Remove all materials, such as twine or wire, that wrap on the beaters

10 Protect the machine from the weather when it is not in use

11 At the close of the season, check the machine carefully and replace all worn or damaged parts. Use genuine Sperry New Holland service parts supplied by your authorized Sperry New Holland dealer.

12. Remove manure buildup regularly.

In wintertime, always be sure the spreader apron isn't frozen to the floor before engaging the PTO Avoid loading manure on the beaters because this could cause drive belt slippage and wear when the machine is put in gear. If excessive shearbolt breakage in the apron drive is experienced, wet the spreader sides and floor of the box with water or used crankcase oil every few loads. Usually this won't be needed except for dry, heavy manure containing a lot of earth from unpaved feedlots

Diller receives Seaboard post

LANCASTER — Boyce Overstreet, Executive Vice President of Seaboard Foods, Inc., Lakewood, N.J., has appointed Harry C. Diller as General Manager of Seaboard Foods, Inc., Pennsylvania Production Division

Seaboard Foods is a producer, processor, and marketer of eggs throughout the United States and has approximately 550,000 laying chickens on contract farms located in the Lancaster area.

Diller has accumulated more than 20 years experience in the egg and poultry industry and was previously associated with Hess Mills, Inc.

Diller has established an office at 1630 Manheim Pike, Lancaster, Pa., and resides with his wife and one son in Manheim Township

Harry C. Diller

Marvin Miller, of Erb & Henry Equipment Co., New Berlinville, recently attended the DeLaval Agri-Systems Academy to take part in a Basic Refrigeration course. Instruction included classroom studies and hand-on training with various DeLaval equipment.

Proposals could speed-up FmHA loan appeals

WASHINGTON, D C — The U S Department of Agriculture is proposing to simplify and speed up the appeal process for loans turned down by the Farmers Home Administration

"It would mean better, faster service for borrowers and would cut administrative costs," said FmHA Administrator Charles W Shuman, "and we believe that if an applicant feels our decision has been in error, we owe the person a speedy review"

FmHA is a credit agency of the USDA and makes loans to farmers and other rural residents for farming, housing and community development

People have until Jan 4, 1982, to submit comments on the proposed changes

Shuman said the proposal would reduce the number of steps involved in an appeal to no more than two in the field and one in the agency's national office in Washington This, he said, would cut administrative costs and the time it takes to process appeals

Some of the proposed changes are

—Pre-hearing meetings may be waived

— Files must be made available for inspection upon request by the appellant before being mailed to the hearing officer

— Tape recordings of hearings are optional rather than mandatory

— Further appeals can be made within 30 days instead of 20, to give the appellant adequate time

Details are available in the Nov 5 issue of the Federal Register

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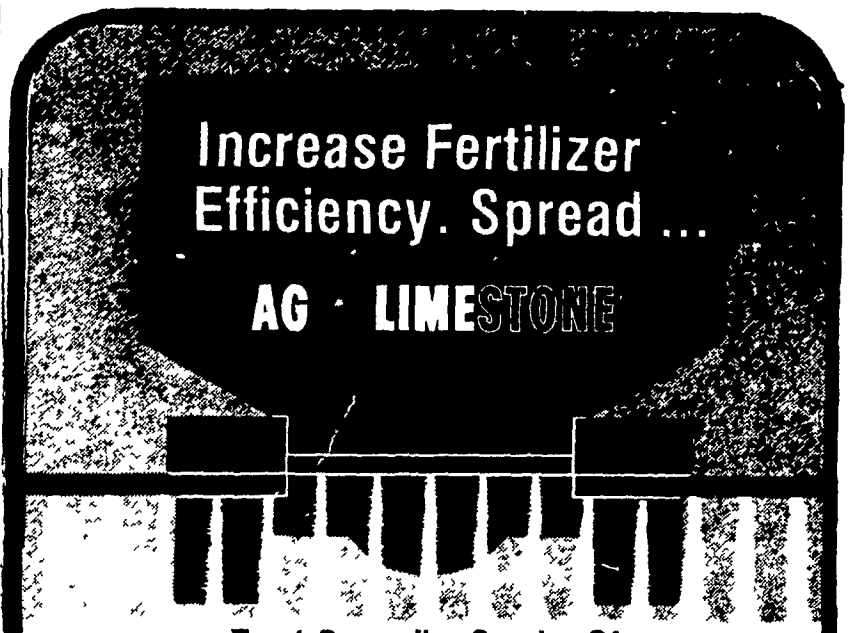

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York FLB-PCA elects directors

BY BETH HEMMINGER
Staff Correspondent

CARLISLE — Over 550 members and guests of the Federal Land Bank Association of York and Production Credit Association of York were ushers into the main ballroom of the Embers Restaurant for the 1981 Annual Dinner meeting held last week.

The representing delegation elected four directors to the Association's Boards. The newly elected directors will be filling three year terms.

Rolla E. Lehman, II, a dairy farmer from R3 Dillsburg and George H. Wolf, an egg and potato producer of R2 Stewartstown, were re-elected to their director posts at the Production Credit Association of York for three more years.

J. Wilbur Burkholder, a dairy and egg producer from Chambersburg was also re-elected to the Board of Directors of the Federal Land Bank Association with the newly elected director being Ralph H. McGregor, a dairy farmer from R1 East Berlin.

Stockholders elected to serve on the 1982 Nominating Committee for Production Credit Association were Lester E Martin, a broiler and dairy farmer of Shippensburg, Clifford L Hawbaker, a dairy farmer of Chambersburg, and J. Robert Meyers, Jr., a dairy farmer of St. Thomas. For Federal Land Bank Association, Lester R. Martin, a broiler and dairy farmer, Shippensburg; Ray E. Wingert, a dairy farmer, Chambersburg; and Harry C. Barrick, a dairy farmer, Newville.

This was the result of elections at two sectional meetings. The previous meeting was held at the Sheraton in Gettysburg.

Special service awards presented to several of the Associations staff members by the new manager, Robert Vinson.

Peggy Brown, the Associate Manager of Finance and Administrative Services, received the Distinguished Service Award for 1981 for her many outstanding accomplishments in her work at the Association and her involvement in community projects.

A service award was presented to Rhoda M. Wilkison, the office specialist at the Chambersbug branch for 35 [illegible] service to the organization. For those 35 years of hard work, long hours and loyalty, Mrs. Wilkison received an engraved gold watch from the Associations.

Honored for their 15 years of service were Richard M. Smith, branch manager of the Chambersburg office and Kathryn K. Julius, executive secretary at the York Administrative Office.

The members were greeted by the general manager, Robert Vinson, who took charge of his present position on June 15, 1981

Vinson remarked that the Associations are standing on strong ground during the difficult economic times facing the farmer. He stated that since the establishment of the Federal Land Bank and Production Credit in 1916, the Associations have grown from a few thousand stockholders to a few million. He noted that the York Associations alone have over 2,500 actively participating stockholders.

The manager said he sees the reason for this outstanding growth and monetary stability being due to the wide range of services that the Associations offer to all types of agricultural businesses. "Our type of quality service is second to none, compared to our competitors," he stated.

He added that the strong bases for the high-quality services have long-ago been developed at the branch offices at York, Carlisle, Chambersburg, Gettysburg and New Bloomfield, with all the offices working together to serve the stockholder better

The statements of income and condition were presented to the members as follows: the Production Credit statement of income showed a net income of $328,995 for nine months ending September 30, with the total liabilities, allowance and capital on the Statement of Condition totalling $36,587,789.

The net income for the Federal Land Bank for the nine month period was $377,346, and the total liabilities, allowance and capital totaled $6,727,170.

The members were entertained with a film entitled "Farmers Who Bank on Themselves."

Federal Order 4 agency approves $5.2 million budget

TOWSON, Md. — A budget of $5.2 million has been approved for the 1982 milk advertising programs of the Federal Order #4 Advertising and Promotion Agency, Middle Atlantic Milk Marketing Area

The 1982 budget was approved by the agency's board of directors at their annual meeting, held November 17, in Harrisburg.

The F.O. 4 agency, located in Towson, Md. and Camp Hill, Pa., is responsible for advertising and promotional programs in the Mid-Atlantic area; including mall exhibits, such as Milky the Robot, and the dairy princess programs in five states.

Members of the agency board are dairy farmers who represent Interstate, Valley of Virginia, Capitol, Maryland and Virginia and Eastern milk producer's cooperatives, as well as independent dairy farmers.

The agency's 1982 budget can be broken down into several areas:

UDIA

The agency implements the programs and promotions of the United Dairy Industry Association which includes the American Dairy Association, National Dairy Council and Dairy Research Inc.

DAIRY COUNCIL

The agency funds three dairy council units in the Mid-Atlantic area: The Dairy Council of Greater Metropolitain Washington D.C., Dairy Council of the Upper Chesapeake Bay and Dairy Council Inc., in Philadelphia. The dairy council units provide a program of nutrition education to school children and consumers in the Mid-Atlantic area.

ADVERTISING

The largest percentage of the agency's budget is used for advertising. This includes TV, radio and print advertising for "Fresher Refresher," the "REAL" Seal and a fall cheese campaign, plus print and media advertising for the local promotions of the agency throughout the year. The 1982 year will see a substantial increase in the number of agency promotions using the funds and promotion resources of tie-in partners, such as Hershey's Cocoa, San Giorgio Macaroni and Archway Cookies, who share with the agency, the advertising costs of each promotion.

MERCHANDISING AND SALES PROMOTION

In-store display materials, designed to remind shoppers to choose real dairy products will be placed in grocery and convenience stores twice in 1982. These displays, supplied by the American Dairy Association, the advertising arm of UDIA, will emphasize milk, cheese, butter and ice cream and will include the "REAL" Seal on each display piece.

FOOD SERVICE

As more and more people elect to eat their meals away from home, it becomes important to see dairy products promoted in sit-down and fast-food restaurants. Two local food service promotions are planned with the American Baker's Association to promote cheese and butter with hot bread as an appetizer, in gourmet restaurants, and a discount-priced dessert and milk offer in family restaurants. A "REAL" Seal promotion with McDonalds fast food chain is also in the works.

LOCAL PROGRAMS

Milky the Robot will again be appearing at shopping malls, fairs, meetings and other special events along with a new "Dairy Train" animated exhibit, which will debut in early 1982. A "Nutrition Education Computer" exhibit will also be appearing at selected locations.

The agency provides coordination and assistance for dairy princess programs in Pennsylvania, Delaware, West Virginia, Maryland and New Jersey. The princesses and local promotion committees are trained to promote dairy products in their local areas by extending the programs of the agency. They sponsor princess appearances and promotions at fairs, shopping malls and consumer gatherings.

COMMUNICATIONS

Agency communications are geared towards keeping dairy farmers, consumers, and the trade informed of agency promotions. Agency publications include an annual report; agency actions, a bi-monthly newspaper; news releases and advertising in trade publications. Also included in food publicity, which provides consumer information to print and broadcast media about the handling and uses of dairy foods.

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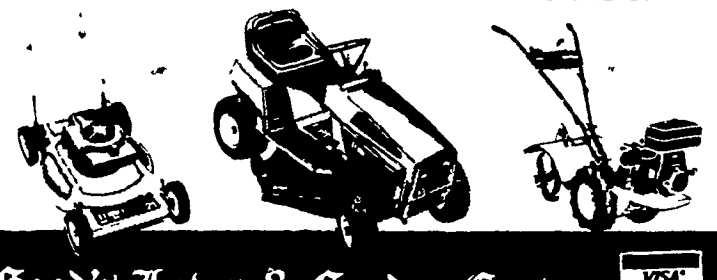
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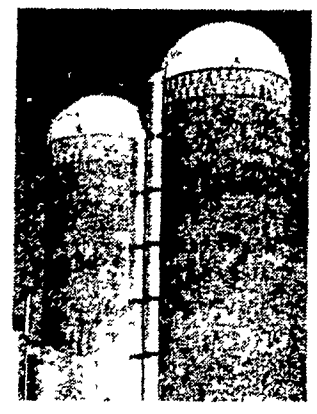
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U. of Del. study paints 'rosy' picture for power plant waste heat and ag

NEWARK, Del. — A new University of Delaware study shows that warm water waste heat generated by power plants can be recycled for use in agricultural production. Tapping this plentiful supply of low-grade energy would benefit the producer, the power company, and ultimately the consumer.

Agricultural experiment station researcher Kenneth M. Lomax, research associate Robert J. Gray, and student David L. Shortall, authors of the study, say waste heat from two Delmarva power plants could be used to dry grain and heat greenhouses. Both the existing power plant at Indian River, Delaware, and the proposed Vienna, Maryland plant are located in suitable rural areas. However, Lomax notes that it would be easier and less expensive to include a waste heat park in the initial plans for Vienna than to add one to an existing facility like Indian River

In carrying out the study, Lomax considered a number of possible agricultural uses for the warm water waste heat, but rejected some because they were either unwieldy, uneconomic, or because they could make use of the waste heat during only a small portion of the year. The beauty of using the water to dry grain and heat greenhouses is that grain is dried from June through November when power plants generate peak electricity, and greenhouses need supplemental heat only during the cooler months — October through April at most.

Greenhouse heating has received more research effort than other uses of waste heat in the United States. That's because greenhouses are large users of energy, the crops grown in them are relatively high in value and densely populated, and the temperatures needed are in the range of warm water from the condenser cooling system

Tomatoes and roses would be the most profitable crops to grow in a greenhouse heated by warm water waste heat, the study concludes These are both high-value crops with heat requirements. Hooking up to a waste heat source would only pay off for growers of crops like these, whose current fuel bills are at least $40,000 per acre of growing area per year. Maintaining the same greenhouse temperatures with warm water heat would only cost $10,435 per acre per year, and all other design and operating costs would be the same as for any other floor heated greenhouse.

Lomax arrived at these figures by employing a mathematical model which takes into account such factors as crop heat requirements, average seasonal temperatures and the cost of fuel. His results are consistent with the experience of a greenhouse operator in Pennsylvania who is already using waste heat. In addition to tomatoes, this grower schedules a variety of other high-profit crops throughout the year, including Easter plants and poinsettias, and he is able to operate profitably on waste heat all year long.

There are as yet no local examples of waste heat grain drying, but the mathematical model shows it could cut grain drying costs considerably. A grain dryer using warm water waste heat instead of LP gas would be able to dry a bushel of corn for 19 cents instead of 26 cents Local farmers would simply truck their grain to a grain dryer located at the power plant site.

The operator of the grain dryer or the greenhouse would pay the power company an annual fee of $6,750 per five-acre unit and a water volume charge of 15 cents per 1000 gallons. Delmarva Power and Light Company could consider implementing the plan if at least two greenhouses are prepared to locate at a waste heat park.

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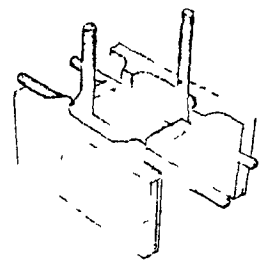

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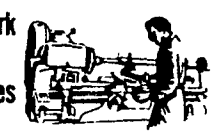

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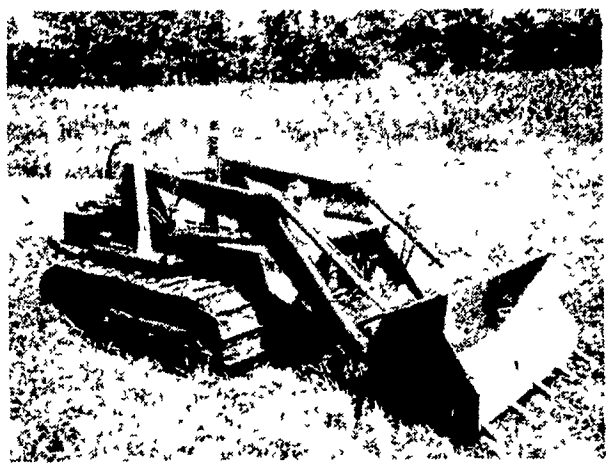

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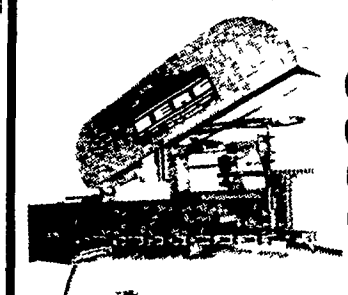

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Farm income jump can't keep up with production cost leap

WASHINGTON, D.C. — High interest rates, large supplies of meat and grains, the strong dollar, and weak consumer demand have limited the advance of farm cash receipts this year, reports USDA's Economic Research Service.

Total cash receipts in 1981 are expected to be 4 to 6 percent above 1980. Receipts may rise 2 to 4 percent for livestock and 6 to 8 percent for crops.

At the same time, farm production expenses will likely increase 8 to 10 percent in 1981, with interest and energy-based inputs rising the most.

With increases in production expenses outstripping gains in cash receipts, farmer's net cash income will probably fall below last year's level.

Net income before inventory adjustment is now projected at $17 to $21 billion, compared with $21.9 billion in 1980. However, with this year's larger crops, net farm income after inventory adjustment is forecast at $20 to $24 billion—a slight improvement over last year's $19.9 billion.

Farm prices slowly drifted downward through July, while prices for production items were stable.

In the short run, changes in the ratio of the index of prices received by farmers to the index of prices paid (for production items, interest, taxes, and farm wages) generally parallel changes in realized net farm income. This ratio has declined or been steady each month since December 1980.

In mid-July, commodity markets reacted to the favorable growing weather across the country. Farm prices of most crops slipped, as the potential for record 1981/82 output became apparent. Meanwhile, livestock prices remained fairly flat through the first three quarters of the year.

At the same time, prices for inputs and debt servicing continued to climb with the general rate of inflation, causing a squeeze on farmers' cash flow. Tight cash flow is expected to continue in the fourth quarter and into the first quarter of 1982, as crop prices keep falling, livestock prices remain flat, and prices paid by farmers move higher.

Direct government payments constitute a small portion of gross farm receipts—less than 1 percent in 1980. Payments through the first half of 1981 totaled about $761 million. Total direct government payments for calendar 1981 are forecast between $1.4 and $1.6 billion—up from $1.3 billion in 1980.

In the first quarter alone, payments to farmers and ranchers were about $557 million. More than half of this represented disaster payments to wheat, rice, cotton, and feed grain farmers hit by last year's drought. Producers received about $200 million in disaster payments in the first half of 1981. Feed grain producers, many in the South, received about $100 million in disaster provisions; wheat producers, $20 million, and rice farmers, about $1 million.

Last year's dry weather also affected livestock ranges and pastures, with the feed condition index 20 points or more below average in many areas. As a result of last fall's poor grazing, payments through the emergency livestock feed program amounted to nearly $250 million—the largest single payout for the first half of 1981. Other programs with large payments in the first half of the year include the agricultural conservation program, $90 million; the Wool Act, $36 million; and forestry incentives, $6 million.

Storage payments for the farmer-owned grain reserve were about $31 million through the first 6 months. High feed grain prices in the first two quarters of 1981 led to calling of reserves, forcing producers to sell out of storage and refund unearned payments. However, a large influx of wheat from the record-large 1981 crop offset these paybacks, leaving net reserve payments up for the first half of the year.

The second half of 1981 should see equally large payment activity. Deficiency payments to wheat producers alone are projected to total about $400 million—the result of poor market prices due to the large 1981 crop and slower-than-expected exports.

Sen. Huddleston to address Farm Bureau annual meeting

PARK RIDGE, Il. — US Sen. Walter Huddelston from Kentucky, the ranking minority member on the Senate Agriculture Committee, will address the morning general session of the American Farm Bureau Federation's 63rd annual meeting in San Diego, California, Tuesday, January 12, 1982.

As floor manager of the Senate Farm Bill, Senator Huddelston has been a key figure on the Senate/House Conference Committee seeking to develop 1982 farm program legislation that will preserve the market system and meet budget restraints of the Economic Recovery Program.

Huddelston, who has represented his native state in the Senate since 1973, began his political career by election to the Kentucky state Senate in 1965. He was reelected in 1969.

In 1973 he entered the U.S. Senate after becoming the first Democratic Senator elected to serve the Commonwealth of Kentucky in 16 years. In addition to the Agriculture Committee, he currently serves on the Appropriations Committee, Intelligence and Small Business Committees of the Senate.

After serving in the Army as a tank gunner in Europe during World War II, he attended the University of Kentucky, earning a B.A. degree in radio arts in 1949. He then entered the broadcast field as sports and program director for WKCT radio in Bowling Green. He later was general manager of station WIEL in Elizabethtown. He is past president of the Kentucky Broadcasters Association.

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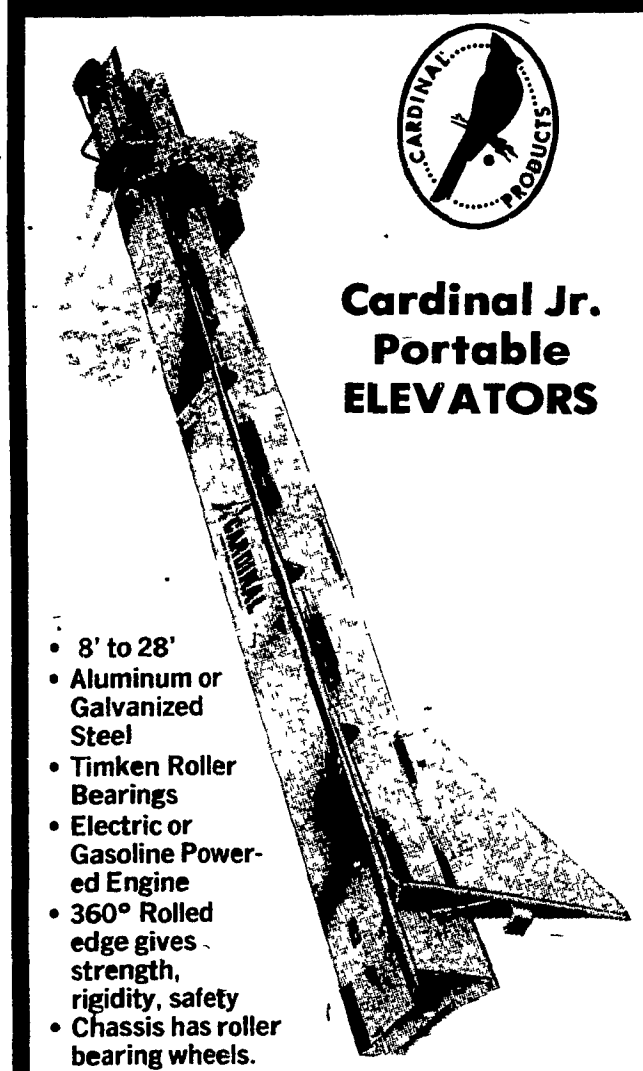

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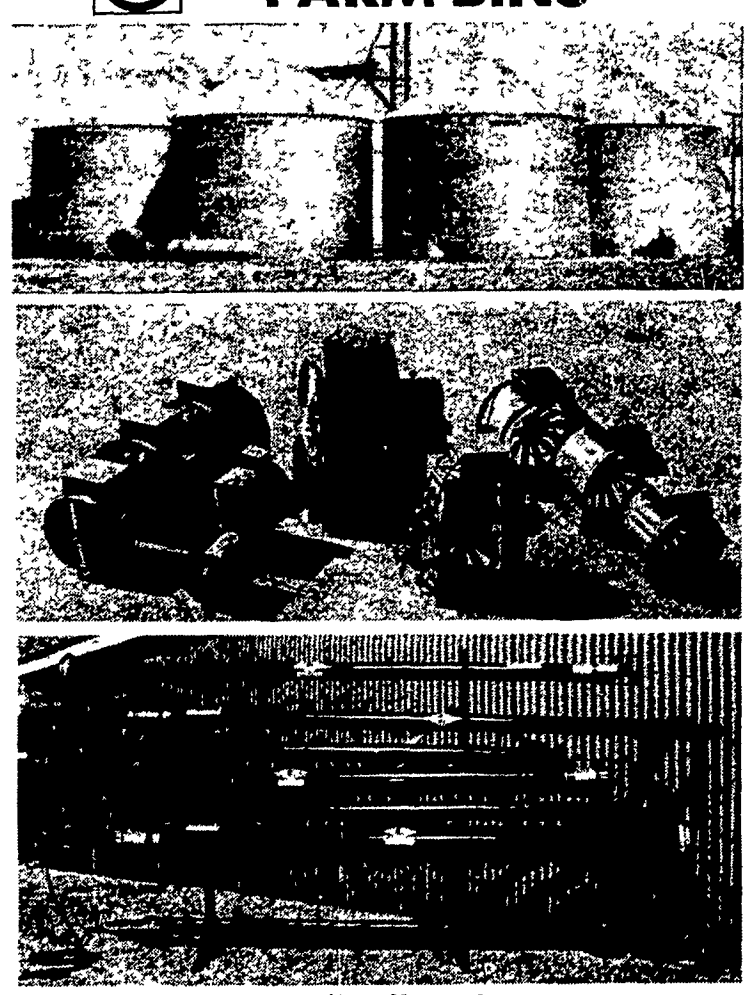

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Md.'s tobacco yield and production up

COLLEGE PARK, Md. — The harvesting of tobacco in Maryland is over and curing operations are under way.

It is estimated that 23,000 acres of tobacco would be harvested this year. Yield is expected to be 1,300 pounds per acre and production 29.9 million pounds. Yield and production, figures were revised upward by the Maryland-Delaware Crop Reporting Service (from 1,150 pounds and 26.5 million pounds, due to respectively very good weather and growing conditions). Even at last years prices, the potential value of Maryland's 1981 tobacco crop is over $50 million, reports University of Maryland's Pradeep Ganguly.

It may be noted that three other states - North Carolina, South Carolina and Virginia - are growing "Maryland Type" tobacco. Early data from the U.S.D.A., indicate that this year these states have harvested over 11,000 acres for nearly 15 million pounds; that is more than one-half of Maryland's estimated production.

Part of this out-of-state 'Maryland type' tobacco has already been marketed, mostly untied (on sheets), at prices up to $1.75 per pound. Maryland's cured tobacco will not be sold until next spring, and it is too early to predict the effect of this development on the price of Maryland tobacco.

Maryland tobacco farmers received, on an average, a 30 cent per pound price increase for their 1980 crop. This year's crop when sold in Spring 1982 will probably bring a smaller price increase, if any.

Two factors could be cited as reasons. First, a relatively weaker demand due to faltering exports (both domestic and foreign demand have been strong in past years). Second, a larger 'potential' market supply due largely to the production and marketing of 'Maryland type' tobacco in other states.

What's the 1981-82 fruit, vegetable outlook?

COLLEGE PARK, Md — Non-citrus fruit production in the United States for 1981 is forecast as of August 1 to be 12.1 million tons, 13 percent smaller than last year's large crop and 5 percent below 1979. Smaller output is forecast for all non-citrus fruit, except California plums and nectarines.

The total non-citrus fruit pack is likely to be smaller, but supplies of most processing fruit will still be large due to substantially increased carry over. Higher processing and marketing costs will keep prices relatively firm throughout the season, according to University of Maryland's Jarvis Cain.

Apples

United States apple production for 1981 was forecast, on August 1, to be 8.08 billion pounds, 8 percent smaller than last year's record and 1 percent less than the 1979 crop.

Eastern states and Maryland production are estimated to be 2.78 billion and 75 million pounds, respectively, both 17 percent less than last year. Western states, producers of over half of United States apples, are forecast to have a 3 percent increase over last year With the shorter crop, early season fresh market apple prices in Maryland have been firm to higher.

Peaches

United States peach production for 1981 is estimated to be 2.92 billion pounds, 5 percent smaller than 1980. Maryland's 1981 peach crop stands at 17.0 million pounds, 11 percent smaller than the 1980 crop. Larger production by the nine Southern states had its depressing impact upon early season fresh market peach prices in Maryland.

Fresh Vegetables

United States 1981 estimates for 14 fresh summer vegetables as of August 1 were for 384,000 acres, virtually the same as a year ago.

Maryland production of fresh market vegetables experienced a modest increase in acreage, production and value over the past three years.

Harvested acreage of sweet potatoes in 1981 in the United States is estimated to be 109 6 thousand, up seven percent from 1980. Maryland acreage is forecast to be 1,300, same as last year Canning stocks are small going into new pack

Processed Vegetables

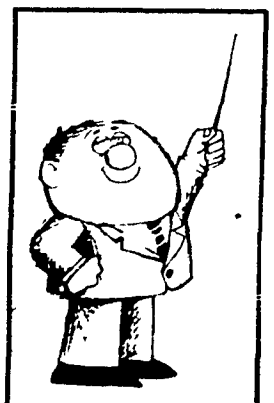
Production forecasts for seven major processing vegetables contracted for processing in 1981 totaled 9.41 million tons, 4 percent below 1980 levels Lima beans, sweet corn and green peas were forecast to increase, while beets, tomatoes and snap beans were estimated to decline from 1980 levels.

Maryland 1981 contract acreage for six major vegetables for processing was forecast to be 24,200 down 11 percent from 1980. Green peas will experience a modest increase.

Nationally, carry over of canned green peas is still burdensome and a 6 percent reduction in acreage was designed to help correct the situation. Significantly lower stocks of canned sweet corn will be helped by a 12 percent increase in national acreage under contract.

Very large carryover of canned snap beans will be balanced by an 8 percent reduction in contract acreage and a modest deficit in frozen snap beans stocks. Substantially the same national production of lima beans will try to balance a larger supply of canned product and significantly smaller frozen stocks of lima beans.

Nationally for tomatoes, contract acreage was down 5 percent and production was down 8 percent from 1980. This must meet significantly lower stocks of all tomato products Prices here should experience sizeable increases.



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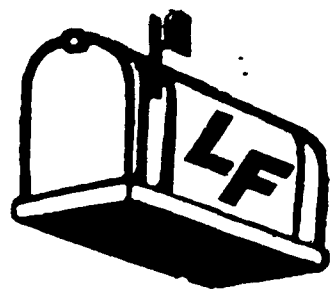

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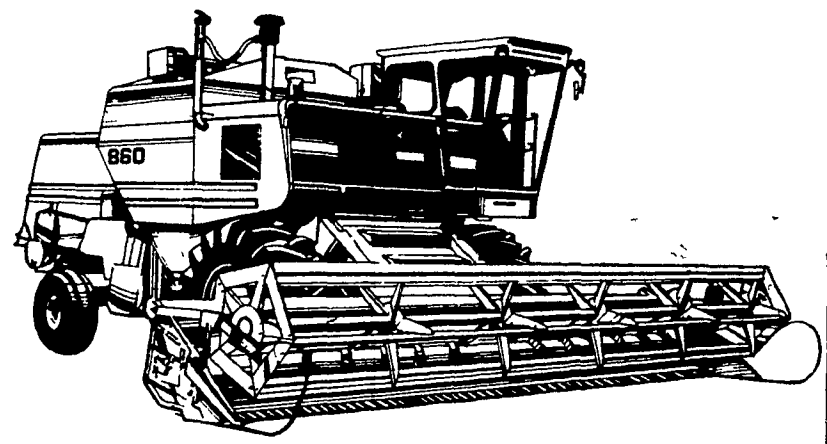

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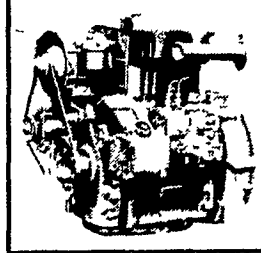

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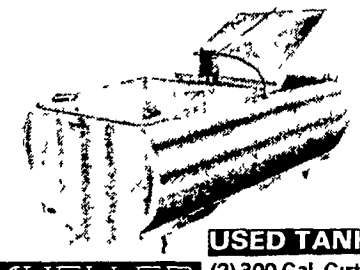

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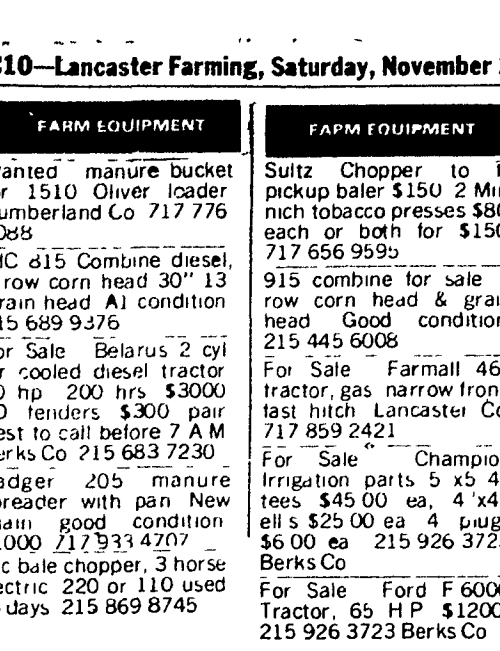

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FOR SALE
Leyland Model 384 tractor, 72 PTO HP, rebuilt engine, 300 hours on tires, good cond. $3950
(2) 20.8x38 8 ply Pierlli radial tires. New $990 each.
Brillion 11' packer exc. cond., $890
Badger model 205-205 bu. spreader w/2nd beater, in new cond. $2785
NI 214-217 spreader w/hyd. gate, Graetz chain, 9 mo. old, exc. condition, $3085
NI mod. 200 PTO spreader, nice cond. $765
Taylorway 7 spring shank 32" high clearance, chisel plow, with twisted shovels, good cond., $985
Taylorway 6'4" heavy duty offset disc harrow, 24" blades, new condition $1600
Danuser model BMBH front mounted post driver, exc. cond. $925

HEISEY FARM EQUIPMENT, INC.
RD 1 Jonestown, PA
717-865-4526

NEW EQUIPMENT
JD 2240 Dsl. w/FWhD
JD 2940 Dsl. w/FWhD
JD 4440 Dsl. w/Duals
JD 30" 3R Corn head $4595
JD 30" 2R Corn Head $2495
JD 1380 Mower Cond. $8995
JD 506 Gyamor Mower $700
JD 1440 Planter w/80 units $4500
JD 78 Rear Blade 7' $410
JD 2420 SP Windrower $23,475
JD 534 Dozer Blade $2635
JD 3960 Harvester $9955
JD 307 Rotary Mower $800
JD 1250 3B 16" Plow $1320
JD 1608 Chisel Plow $1700
JD F950 12' Roller Harrow $3950
JD 567 Wheel Rake $1275
JD 445 Spreader $4000
JD 465 Spreader $4300
JD 450 Spreader $5645
JD 680 Spreader $8200
JD 336 Baler w/Kicker $6750
JD 235 Disc Harrow 19'11" $11,800

USED EQUIPMENT
JD 3R 30" Corn Head $2895
JD 1R Corn head $650
Hesston PT10 Mower Conditioner $1695
NI 325 picker w/super sheller $5995
JD 344 3R 40" Corn Head $2495
Woods MC80 mower $895
Woods C114 mower $1495
JD 24T Baler w/kicker
JD 38 & 3800 Harvesters
JD 4B F125 Plow
JD 5B 1450 Plow
JD AW 9'10" Disk
JD 494 4R Plate Planter
IH 6R Air Planter w/dry fert.
IH #56 4R Planter
Farmhand Loader to fit JD 1010 & 2010
Brillion 9' Packer

WENGER IMPLEMENT, INC.
The Buck, PA
717-284-4141

FARM EQUIPMENT

Next Public Auction at Wenger s is Dec 14th Consignments welcome 717-866-2135

50 MF Tractor and Industrial Loader, sell as a unit or loader separate, 16' Miller Disc 301 778-0935

For Sale Waldon HD dozer blade w/to fit any late model JD tractor $750/offer 301 833 9098 Baltimore County, Maryland

FARM EQUIPMENT SPECIALS
NH 1495 SP Haybine 12' $11,500
NH L-775 60 H.P Skid Loader $6500
NH 782 Harvester Electric Controls $7500
NH 679 Spreader $5500

AG-Industrial Equip. Co.
301-658-5568
301-398-6132
215-869-3542

FARM EQUIPMENT

Oliver 15' disc harrow w/new 20" discs, model 252, $1600 609-769 3183

Will buy & sell all types of horse drawn equipment 215 593-5754

Tractors
AC 210 JD 4010 IH 300
AC 220 JD 2510 IH 350
AC 7030 JD 2010 IH 450
AC 7050 JD A IH 340
AC 170 JD B
AC 180
AC 190
AC 200
AC WD's & WD 45's

Used Equip.
Fox SP chopper w/2 or 3 row Head
IH PR1 Corn Picker
NH 845 Round Baler
Farmhand Tub Grinder Model 880

Combines
AC C combines
AC F combine
AC L combine
AC E combine

GRUMELLI FARM SERVICE
Quarryville
Phone
717-786-7318

FARM EQUIPMENT

Tractrors, MF 1130 DL cab, Oliver 77 and 88 Supers, 14' Case disc, 18' Brillion spring tooth and 12' packer, 12 EZY Flow machinery guaranteed 10% down payment Balance in Spring Trenton, NJ 609 259 2802

Perfection

Let Us Know Your Service Problems

HOOVER DIESEL SERVICE
PH 717-656-6133
2998 West Newport Rd
Ronks, PA 17572

NEW EQUIPMENT
See the New Gehl Skid Steer Loaders
* Model 3510
* Model 4600 Diesel

Wood or Fiberglass Calf Hutches Available

Hesston Model 1520 200 gallon Manure Spreader

Gehl 7200 Flail Chopper

NI #456 Round Baler (Demo)

In Stock
Tye Pull Type Pasture Pleaser A conveniently sized tool for minimum tillage seeding of legumes, grasses, small grains or soybeans in stubble sod, permanent or improved pasture.

SPECIAL
$195.00
While Supply Lasts
16" Partner Chain Saws w/case & 4 cans 2 cycle oil

New Wic Straw Choppers

New Ber-Vac
3 pt. 2 stage Blower
Special Price
Big Capacity

USED EQUIPMENT
USED NI SPREADERS
12A Ground Drive
(3) #212-146 bu.
(5) #213-176 bu.
(4) #214-206 bu.
(1) #218-300 bu. w/top beater & hyd. gate

(1) IH 275 bu. tandem axle
(1) MF 160 bu.
(1) NH #510 165 bu.
(1) NH #365 tank, left hand unload
(1) Cobey 130 bu. like new

NEW UNI EQUIPMENT
802 Power Unit w/Power Assist
818 Combine
767 Super Chopper
813S 13' Flex Grain Platform
768 3 Row Corn Head
840 Feeder House
NI 717 Combine

Danhuser 3 pt. Log Splitters

See The New Wickless Blue Kerosene Heater We have them in stock

UNI EQUIPMENT
NI 713 13' Flex Grain Platform
(3) NI 725 3RN Corn Head
NI 705 Dsl. without Cab
NI 729A Sheller
NI 729 Sheller
Will mix or match any units

USED EQUIPMENT
12500 KW Transport Generator $495.00
Oliver Super 77 Tractor
28' King Wyse with motor
NI #198 60' 8" Transport PTO Auger
JD #15 Flail Chopper
Owatonna 120 bu. Grinder-Mixer
NI 325 NR Picker w/329 Super Sheller
JD 3800, 1000 RPM PTO Harvester w/2RN Corn Head and Hay Pickup
Ford 3 pt. 9 Tooth Chisel Plow w/gauge wheels
Gehl #72 6' Flail Chopper w/new Flails
FB 99 Gehl Blower

UMBERGER'S OF FONTANA FEED - GRAIN - FARM EQUIPMENT
Dial 717-867-5161 or 717-867-2613
RD#4 (Fontana) - Box 545 LEBANON, PA 17042
Also New Idea, Hesston, Gehl, Brillion, & Bush Hog Dealers
We Carry a Complete Line of Farm & Home Supplies

IH Badger OMC AVCO NEW IDEA

TRACTORS
IH 706
IH 674
IH 656
IH 606
IH 574
IH 544
IH 434
IH Super MTA

SKID LOADERS
Gehl #M6
Bobcat M600
JD 70

TILLAGE
IH 710 4x16 Plow
IH 735 5x18 Plow
IH 700 4x16 Plow
IH 710 3x16
Kasco Chisel Plow
Ford 3x16 Plow
IH 311 3x14 Plow
IH 45 Vibra Tine Cultivator
MF 4 Row Cultivator

PLANTERS
IH 400 6 Row no-till
IH 400 4 Row no-till
JD 1240 Row
IH 449A 4 Row
JD 290 2 Row
IH 56 4 Row

BALERS
IH 440
IH 46
NH 269
NH 69

FORAGE HARVESTERS
IH 830 3R Head and Pickup
IH 650 2R Head and Pickup
Fox 3000 2R Head and Pickup
IH #16 1R Head and Pickup

FORAGE WAGONS
Badger 1410
Gehl BU 85
AC
NH #8
NH #6
VanDale 185 Mixer Wagon w/Scales

MOWER CONDITIONERS
IH #225 SP
IH 990
NH 479
Hesston 1014
OMC 216
NI 270

RAKES
IH 15
IH 35
JD Hay Tedder
Farmhand Windrow Turner

FLAIL CHOPPERS
Brady 722
Brady 608

MOWERS
IH 100 Sickle Bar
IH 1000 Sickle Bar
Ford 14-9B Sickle Bar
IH 28 Rotary Mower

NEW IDEA UNI
705 w/Super Chopper and 3R N C.H. and Hay Pickup
702 w/Combine
NI 744N Corn Head

CORN PICKERS
NI 324
Oliver #5
IH 234

COMBINES
IH 205
IH 303
IH 715

MANURE SPREADERS
NI 213
NI 214
NI 17 Ground Drive
NH 676
IH 580

MANURE PUMP
Better-Bilt 10' Vertical Pump
Better-Bilt 18' 3 pt. Pump
Badger 102 8' Vertical Pump

LOADERS
IH 2250
IH 2000
IH 2001

2% Cash And Carry Discount on All Parts

The Place to Buy New & Used Equipment
CHAMBERSBURG FARM SERVICE, INC.
975 S. Main St., Chambersburg, PA
Phone: 717-264-3533

FARM EQUIPMENT

DEUTZ

USED TRACTORS & EQUIPT IN STOCK

Massey Ferguson MF2675 w/cab, 100 h p, 24 speed trans Spl price cash $20,000 00
D4006 price $4800 00
IHC 504 gas, good condition $2500 00
Ford 8N $1,650 00
1 pair 20 8x38 tires Goodyear power torque

NEW TRACTORS & EQUIPT. IN STOCK

D6807 Deutz Tractor, 68 h p
D6206 Deutz Tractor, 61 h p
D5207 Deutz Tractor, 52 h p
D4507 Deutz Tractor, 45 h p, Low Hours
DX 120 Deutz Tractor, 110 h p
DX 120A Deutz tractor, 4WD, 110 h p
Custom built diesel Gen Sets made to order
New & Used Deutz diesel engines at special prices Call for details
New Deutz F2L 912 diesel engines 20 32 H P electric start

Stauffer Diesel Inc.
312 West Main Street
New Holland, PA
PHONE 717-354-4181

JOHN DEERE

NEW EQUIPMENT SPECIAL OF THE MONTH

JD 315 12' Disc
JD 4440 Tractor

TRACTORS

IH 340, Fast Hitch
MF 1080
IH Cub w/Blade & Plow, 2 yrs. old
JD MT
White 2-85

COMBINES

JD 45 w/2 heads
(3) JD 444 Corn Heads
MF 510D w/44 corn head
1980 JD 6620 Side Hill w/215 Flexhead & 643 Corn Head

HAY TOOLS

JD 24T Baler
NH 269 Baler
NH 275 Baler
Gehl 600 w/heads
NH 717 Harvester

TILLAGE

JD 2600 5B Spring Reset Plow
JD 345 5 Btm. Plow
IH 700 5x18 Plow
Brillion 12' Roller Harrow
Oliver 12½' Wheel Harrow
Ford 10' Disc

MISCELLANEOUS

Oliver #5 Picker
Tye No-Till Drill
Ontario 15x7 Hoe Drill
IHC 2000 Loader
JD FBB 15x8 Hoe Drill
JD 7000 Conservation 6R planter, used 1 season

TOBIAS EQUIPMENT CO., INC.
Halifax, PA 17032
Phone 717 362-3132

FARM EQUIPMENT

USED EQUIPMENT

1 - JD 3300 Combine
1 - AC KKS Combine
1 - AC 7060 Tractor
1 - AC 190XT Tractor
1 - JD 4230 Tractor
1 - IHC 450 Tractor
1 - IHC 460 Tractor
1 - AC D17 Tractor
1 - IHC H Tractor
1 - David Brown 880 Tractor w/loader
1 - Ford 4000 Tractor
1 - AC 160 Tractor w/ loader
1 - Kubota L-175 Tractor w/loader and mower
1 - IH 3200 Skid Loader

Free finance on above equipment till 1982

UNIONTOWN FARM EQUIPMENT
412 437-9851

FALL CLEARANCE
NEW TRACTORS

3288
786
884 R/C
584 R/C
584 Utility
384
284D 4 wd
284 w/Woods mower 72"
184 2/Woods mower

NEW EQUIPMENT

IH 80 Snowblower 3 pt hookup
Tractor Snowblowers for 185
4140 Skid loader
720 automatic 5x18 btm plow
570 5x18
450 3x16
420 3x16
475 11 ft 6"
350 10 ft 3"

USED EQUIPMENT

Farmall 1066 w/cab
512 NH spreader w/hyd endgate
510 plow 5 bottom, 16", $1500
475 11' disc harrow

LAMB'S FARM MACHINERY
Thorndale, PA
Phone 215-269-2676

FARM EQUIPMENT

case

JD 3020 Tractor, Late Model, Nice Shape
Case 1070 Tractor, Power Shift, Nice shape
1977 NI 709 Uni System, 1100 actual hours, air, heater, cab. Traded for larger unit.
Plus NI cut/ditioners & mow/ditioners, tractors in stock at Good Prices.

C. & P. FULTZ EQUIPMENT
RD 1 Spring Mills, PA
(814) 422-8807,
Ask for Paul

JOHN DEERE

THIS MONTH'S NEW MACHINE SPECIALS

KUBOTA TRACTOR B7100 HST
2 Whl Drive
List $6200
SPECIAL $4800

KUBOTA TRACTOR
4 Whl Drive
Model L305 DT
List $10,170
SPECIAL $7,900

JOHN DEERE 4040 TRACTOR
Quad Range w/Cab
List $35,238
SPECIAL $28,900

JOHN DEERE 950 12' Roller Harrow
List $5,025
SPECIAL $4600

450 Spreader
240 Loader
260 Loader
4B 2700 Plow
22A Sub Soiler
51 Post Driver

USED TRACTORS

JD 2240 w/146 Loader $12,000
JD 2020 w/47 Loader $9,500
IHC 574 w/2000 Series Loader $9,000

Finance waiver available on all "After Season" Equipment

SMITH IMPLEMENTS, INC.
Mercersburg, Pa
17236
717-328-2244

GOOD USED EQUIPMENT

F-1256 diesel
IH 570 manure spreader
Used Long mod. 910 diesel tractor, 710 hrs., very good cond. $7400
Bolens model HT-20 hp w/mtd loader w/front blade & rotary mower, good cond
Oliver 770 diesel tractor, tricycle front end, good cond
IH 3 btm semi-mtd. fast hitch plow
IH #710 4 F auto reset plow
Good used lawn tractors
55 trailing chisel plow
2 Farmall M
One Massey Harris Model 33
One Ontario Model 1200 16x7 single disc grain drill, good cond

IH 1440 axial flow combine w/1150 hours, excellent condition.

AVCO NEW IDEA

L.L. ECKROTH FARM EQUIPMENT, INC.
RD2, New Ringgold, PA
717-943-2367

FARM EQUIPMENT

NEW EQUIPMENT

NH model 892 forage harvester w/ metal detector
NH model 800 manure spreader
Hesston model 6550 Field Queen
Hesston model 4600 baler w/thrower
AC 4 row no till special air planter

USED EQUIPMENT

NI model 325 super picker w/model 9 super sheller
Hesston Stakhand 10
NH model 790 spreader
Int model 275 spreader w/new T-bar chain
NH model 1469 hay-bine w/cab
JD model 45 combine

HUTTON FARM EQUIPMENT
RD 2
Mahaffey, PA 15757
814-277-5504

SPECIAL OF THE WEEK

Call Us For Special Price on reconditioned 24 or 30 bu. Weaver Line Cart

EQUIPMENT FOR SALE OR LEASE

BADGER
3,000 gal. liquid manure tank
1,500 gal. vacuum tank
205 Bushel Manure Spreader
Forage Wagons
Forage Blowers
Bedding Chopper for Mulching
Persuader Pump agitator for Lagoons
Handy High Pressure Washers
Oswalt Mix Wagons
Grain Drill with band seeder
Also:
Registered Holstein Bulls

SHOW-EASE STALL CO.
573 Willow Rd Lancaster, Pa.
Ph: 717-299-2536

TRACTORS

Farmall H, good shape
AC D14
VAC Case w/wide front
Farmall C w/fast hitch, cultivator, & 2 btm plow
Farmall M

MISCELLANEOUS

Disc, plows, mowers, balers, wagons, rakes, harvester grain bins, harrows, pickers, & loaders

COMBINES

MF 35 SP 8' cut
AC 66 pull
IH 203 10', PS
JD 30 auger feed, pull
IH 93 10'
JD 40 10' clean $2,000
IH 80 auger feed pull
Ford 6000 diesel, wide front, new tires

PICKERS

IH 2PR 2 row pull type
NI 305 mounted picker
NI 7, $500

DISMANTLING COMBINES FOR PARTS

Gleaner A, C, CII, AC 60, 66, IH 64, 76, 101, 123, 127, 141, 95, 91, 93, 203, 303, 205, 151, JD 12A, 25, 30, 40, 45 round back, 45 square back, 55 round back, 55 square back, 95, 105; MF 80, 90, 26, 27, clipper, 72, 82, 92, 35, 300, 410, 510, Oliver 35, 40, 430, & pull type, Ford SP & pull types NI unisystem combine, sheller and chopper.

DISMANTLING TRACTORS FOR PARTS

JD 2010, 70D, 4010, IH F 14, A, B, C, H, M, 300, 350, 460, 460 Ut, Supers C, H & M, JD A, B, 50 & 60 AC WD & D17 Oliver 70 & 77 Ford 8N & 860. Case SC & V.A.C Massey 44D, MF 85D, IH 400, MTA, 240, F20, WD D2 Cat crawler

Dismantling 75 combines for parts

DISMANTLING PICKERS FOR PARTS

IH 234, 2 MH, 2 MA, 1 pr, 2 pr, 20 and 24, JD 16, 337, 227, 226 and 1 rows, NI 305, #7, #10 and 2 row pull, Ford 2 row mtd, 1 row, Woods, GI, AC mtd, Oliver #5, 2 row mtd pull

KEITER'S FARM MACHINERY
R D #1 Halifax, PA 17032 Rt 225 20 mi from Hbg
Phone 717-362-9574 or 362-9096

Ford Tractor for Equipment | AVCO NEW IDEA | WE | HESSTON FARM EQUIPMENT

USED TRACTORS

Ford 3000 Diesel
Oliver 770 Gas

USED TILLAGE EQUIP.

Oliver 5 Btm auto reset plow
White 508 4B 18' Auto plow
Ford 142 4B Semi Mtd Plow

USED HAY TOOLS

Hesston PT10 Windrower
Hesston 1010 Hydro Swing Windrower
NI 290 Mower Conditioner
MF Dyno Balance Mower
Fox SPF Fg Harvester

MISCELLANEOUS

Grain Chief 450 Dryer

COMBINES

White 8700 (1980)
White 8600

STANLEY'S FARM SERVICE
RD Box 46
Klingerstown, PA
717-648-2088

NEW COMBINES

JD 6620 Hydrostatic Drive, corn soybean combine, fully equipped
JD 444 Corn Head
JD 215 Flexible Platform

USED COMBINES

1978 AC KII Combine w/12' Grain Head and Robot Head Controls Excellent Condition
Waiver of Finance Available
$22,500

AC G Combine w/13' platform, MECHANICS SPECIAL ~~$4000~~ $2000
JD 244 Corn Head

USED EQUIPMENT

Farmall C Tractor	$600
Oliver 12' Disk	$250
AC 12' Disk	$350
JD 4 Row Cultivator	$750
JD 1300 Planter, 6 Row	$500
IH Drill 16 Tubes	$500
NH 270 Baler	$500
IH 37 Baler	$500
Gehl 600 Forage Harvester	$1500
Gehl Snapper Head	$1500
IH 350 Forage Harvester	$300
JD 35 Forage Harvester	$1000
JD 38 Forage Harvester	$1500
Gehl 72C Flail Chopper	$1200

SPERRY NEW HOLLAND | FREE FINANCING ON SOME ITEMS | JOHN DEERE

I. G. SALES
DeLAVAL JAMESWAY
Silverdale, PA 18962
215-257-5135
Quonset Buildings

TRACTORS

New Ford 4600 SU
Ford 2600, cab, broom
Ford 3600 diesel
Ford 5600 canopy
Ford 5600
Ford WD
Ford 6700 diesel dual power
2000 PS
Ford 5000 diesel
Ford 4000 8 sp
Ford 3000
Ford 8000
Ford 850
Ford 3000 gas
Ford 8N
Ford Jubilee
Ford 971
Ford Compact Loader
Ford 340

INDUSTRIAL EQUIPMENT

Ford 4500 TLB
Wheel Trencher
Davis trencher
Big Dipper loader
Ford 4000 w/loader
Marshall Forklift

MISC. EQUIPMENT

IH truck 1700
IH truck 1800
Chevrolet camper
Playmor camper
1975 Granada, auto trans
Oldsmobile Cutlass auto trans
Ford Mustang, 3 sp
1972 Audi
1971 Chevrolet Impala
White cab over diesel

STRALEY FARM SUPPLY
1760 East Canal Road
Dover, PA 17315
717-292-2631
717-292-4443

NEW TRACTORS

IH 284D
IH 284D 4WD
IH 484
IH 684 w/loader
IH 884
IH 384
IH 274
IH 584
IH 784

NEW CULTIVATORS

2 IH 183 4 row Vibra tines

NEW HAY EQUIPMENT

IH 445 W balers
IH #15 bale throwers
IH 1190 9' mower conditioners
IH 1300 7' 3 pt. hitch - mower
IH 35 rakes

NEW DISC HARROWS

IH 122 5'6"
IH 122 6'9"
IH 475 18'7"
IH 501

uptime service.

certified service
1980 1981

W. HOBENSACK'S SONS
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IVYLAND, BUCKS CO., PA.
18974
1-215-675-1610 1-215-343-2101

NEW TRACTORS:

MF 4840 Tractor 4 WD $5000 Discount
MF 265
MF 255 Used 424 Int. w/loader - $4800

NEW COMBINES

MF 860 - 1982 MF 850 - MF 540

CHECK FOR SPECIAL PRICE ON THIS COMBINE
White 9700 (NY customers take note-this is 4WD!)

NEW IMPLEMENTS

MF 820 Disc
Taylorway 600054 Disc
MF 925 Haytender
Brady 3270 Cultivator
Brady 1800 Chisel
Kuker 300 gal Sprayer
White 25 Disc
Taylorway 600003 Chisel
White 256 Disc
MF 220 Disc
White 5400 Planter Dry No Till
McCurdy 275 Gravity Box Less Gear
McCurdy 230 Gravity Box Less Gear
MF 200 Forage Harvester
MF 260 Forage Harvester
Fox 2310 Forage Harvester
Fox 6354 S/P Forage Harvester, 4 WD - Special Price!
MF 124 Baler
All Sizes New MF Corn Heads Now Available

NEW GT DRYERS NOW AVAILABLE

USED COMBINES:

All Diesels unless stated
MF 760 Turbo 6 1979
MF 760 V-8 1978
MF 750 Turbo 6 1978
MF 510 1977
JD 45 W/Grain Head
OL 525 w/2 row CH 11 Ft Grain Gas
NH 975 Combine
NH 1400 Combine
Used MF 540

ALSO LIMITED SUPPLY OF USED CORN HEADS AVAILABLE SO SHOP EARLY

Fast same day parts shipment to your door via UPS.

GUS FARM EQUIPMENT, INC.

CHOICE VISA

Intersection of Routes 616 & 214 Seven Valleys, PA (717) 428-1967

MF Massey Ferguson

The Time Is Right
The Price Is Right!!

Used Equipment Specials...

USED MODEL CL 30 FORD SKID LOADER

New 30 HP Air Cooled Wisconsin Motor, All Standard Equipment, Wide Flotation Tires, 13 Cu. Ft. Utility Bucket, A-1 Condition...

$6995

USED MODEL CL 40 FORD SKID LOADER

Ford 40 HP Industrial Water Cooled Motor, All Standard Equipment, 60" 12½ Cu. Ft. Utility Bucket With Teeth, Sold New June 1980, A-1 Condition...

$7900

Ford Tractors Equipment

Call Ray, Mitch or Walt...
(301) 734-7722
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(301) 879-1434

Sales & Service On:
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2849-53 Churchville Rd.
Churchville, Maryland

FARM EQUIPMENT FARM EQUIPMENT

MF Massey Ferguson

FIELD QUEEN FORAGE HARVESTERS

GOOD USED EQUIPMENT

Tractors
AC D17 Diesel
AC D17 Gas
MF 135 Gas
MF 265 Diesel
MF 1080 Cab
MF 1100 Cab
MF 85 gas
Oliver 660 gas
Farmall 450 diesel

Forage Harvesters
Gehl 600 w/grinder
JD 35 1-row
Hesston 2000

Combines
JD 45 cab, 2 row
MF 300, cab, 1976
JD 3300 diesel cab

Mower Conditioners
Hesston 310 SP
1 Hesston PT10
Hesston 1014 10'
Hesston 1070

Miscellaneous
Gehl 120 Mixall
Shaver 12" digger
Shaver post driver

Hay Harvesting
MF 3 pt. rake
MF 12 w/thrower
MF 37 rake

Harvesting
NI 324 w/329 sheller
NI 10 picker

Longenecker's, Inc.

At Clappertown Williamsburg, PA
814-793-3731

CURTIS-TOLEDO

The new Curtis "Econo"-Line for those customers needing a high quality economically priced air compressor...you will find the "Econo" line far superior to similar models offered by our competitors

Curtis responds...compare - You will be pleased

Wholesale - Retail
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We Service most Brands

Beiler Hydra-Matics

Hydraulic & Air Supplies
RD #3 New Holland, PA
717-656-7273

FREE FINANCE ON NEW HOLLAND NEW AND USED HAY EQUIPMENT TILL JUNE 1, 1982, ON FORAGE EQUIPMENT TILL AUGUST 1982.

NH 256 Rake
NH 451 Mtd. 3 pt. Mower
NH 518 Spreader w/hyd. endgate. $1875
NH 331 Spreader.... $275
IHC 550 Fg. Harvester w/pickup & 2R Adj. Heads.... $995
NH 717 Forage Harvester
NH 880 N3, R2 Cornheads
NH 479 Haybine $2775
MF-NI Mower Conditioner.... $1295
NH 269 Baler.... $1185
NH 273 Baler $1850
IHC 37 Baler & thrower $950
NH 269 Baler w/thrower $1650
JD "60" PTO Blower.... $475
Call for prices on other equipment

SPECIAL PRICES ON NEW

NH 782, 892 Harvesters and Heads
NH L35, L325 Skid Loaders
NH 310 & 320 Balers
NH Mowers, & Rakes
NH 474, 489 Haybines
NH 14, 230, 234 Wagons
NH 513, 519, 679, 800 Flat Bed Spreaders
3200 gal Spreader with injector

ROYAL BRUBAKER SALES ★ SERVICE

Phone: 717-626-7766 or 626-1859
700 Woodcrest Avenue, RD3, Lititz, PA

FARM EQUIPMENT

DO YOU REALLY WANT A BARGAIN?

Here's a deal on demonstrated 4 WHEEL DRIVE "SAME" diesel tractors that you can't afford to pass up

Taurus "60", 60 din HP, with ROPS cab, (170 hrs) current list $23955, SALE $15,300

Saturno "80", 78 din HP, with ROPS frame, (50 hrs) current list - $21,400 SALE - $16,375

Mercury "85", 82 din HP, with ROPS cab (75 hrs.) current list $28,410 SALE $22,375

Panther "95", 95 din HP, with ROPS frame, (130 hrs) current list $27,265 SALE $21,550

GOR-DUN'S INC.

RD 2 Box 114 Goshen NY 10924
914 294-6141 (day)
914 986 2111 (eve)
ask for Seymour Gordon

JOHN DEERE

SPECIAL CLEARANCE BUYS

NEW JOHN DEERE EQUIPMENT

2040 Tractor
336 Baler w/ejector
HD 33¢ Spring Tooth Harrow
1207 Mower Conditioner
1209 Mower Conditioner
2500 4B Hyd. Reset Plow
660 Rake
C81 Spin Spreader
714 Chuck Wagon
1075 Running Gear
1710 Mulch Tiller
Waiver of Finance on New Utility Tractors and Equipment sold with tractors. Also Lawn & Garden Tractors

OTHER EQUIPMENT AVAILABLE

JD 45 Rear Blade 7'
JD 88 Rear Blade 9'
Bush Hog RM30 Rear Blade 6'
Bush Hog 1123-7' Rear Blade
JD 143-145 Loaders
JD 609 Rotary Cutter
JD 850, 950, 1050 Tractors
Century 500 gallon Liquid Fertilizer Sprayer

USED EQUIPMENT

JD B
JD LA
JD 520
JD 720
JD 3010
JD 4020
Farmall H, M, MD
AC C, WC, WD
Ford 8N
Farmhand Chuck Wagon
NH #6 Chuck Wagon
JD KBA Disc
JD 55 Combine w/Corn Head
JD 95 Combine w/ Corn Head
AC Gleaner CII w/C.H.
Bush Hog 1600 Cutter
Wood C-114 Cutter
NH 6' Cutter
Brillion RSS-112 Cutter
JD 507 Cutter

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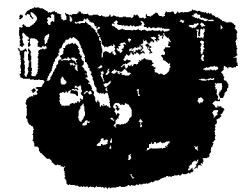

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IH 806D Clean local trade-in
IH 1256 w/cab & air, nice, clean, original tractor
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1970 JD 3020 D Side Console 38" rubber Clean local tractor
IH 826 gear drive, very clean, fully equipped
IH 1066 w/yr round cab new rubber, TA & clutch, new last fall Local tractor
IH 966
Farmall M with wide front
Oliver 1850 diesel, Perkins (100 h p), wf, 3 pt
IH 856 diesel, wf, 38" rubber SOLD clean
AC D17 gas, clean
MF 300 quick attach combine w/cab & air, very clean, 3 row narrow w/13' platform & pickup reel
Gehl 3000 skid loader w/3 buckets, 360 orig hrs, w/electric clutch shut off
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NI 744 4 row narrow quick tach
NI 728 4 row narrow

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2 cabs w/air to fit IH 06 to 56 series tractors $700-$800
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IH & JD rear & front weights
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(2) 18 4x38 axle mount duals
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Ford 4500 w/Loader & Hoe
Ford 2600 Gas, PS
Ford 2000 w/blade
MF 235 G, PS
Ford NAA 12 Speed
Ford 4000 w/Loader
Ford 801 D w/power steering
Ford 9N w/Loader
IH 666 D WFE
IH 504 G, 3 pt.
IH 330 w/fast hitch
IH Cub w/mower
IH M w/loader
AC 5040
AC 160D
AC D17 G
Case 630 w/PS
MF 135 G Live PTO
MF 135D, 8 speed
MF 65 G, PS
JD 3020 D WFE
JD 730 D 3 pt.
JD A w/cultivators
Satoh w/Woods mower

EQUIPMENT

Woods C80 Mower
Ford 532 Baler
Ford 3 pt. Rake
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NI cut/ditioner
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Ford 8N w/loader
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JD 2640 Dsl
IH 706 Dsl, WF w/loader
JD 4020 yr. round cab
JD 4620 yr. round cab
JD 4230 Sound Guard
JD 4430 Sound Guard
IH 815 hydro combine 4 row N C.H. & 13' platform
JD 7700 combine
JD 7700 Hydro. combine, rotary screen, auto hdr.
(2) JD 444 Corn Heads
JD 16' Platform
JD 494A Planter w/fert
JD 1460 Planter no-till
IH 400 cyclo 4 Row Planter
JD 7000 4 row wide planter
JD 7000 4 row wide no-till
JD 7000 6 row consv w/liq fert
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JD 7100 planter 12 row no-till
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JD BWA 13' Disc
Dunham 10' Disk on wheels
Sunflower 24' Wing Disc
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Oliver Spring Tooth Plow
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JD 520
JD 4430 w/creeper gear
JD 4240 like new

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JD 4x16 power reset plow
JD 3x14 Mtd. Plow
AC 4 bottom mtd. plow $495
AC 4 bottom snap coupler plow $295
IH 700 - 7x16 spring-reset plow

PLANTERS

JD 1240 4 row
JD 1250 6 row narrow
JD 494 A 4 row
JD 494 and 6 row narrow

STALK SPREADER

Brady 14'

HAY & FORAGE EQUIPMENT

NH 450 3 pt. Mower
JD 24T baler w/ejector
Hesston 4500 Square Baler w/thrower, like new $3595
IH 47 baler

FORAGE EQUIPMENT

JD M16 forage box on JD 1275 running gear
NI 603 forage box
JD 34 forage harvester, make offer
JD 3800 forage harvester

CORN PICKERS

NI 324 picker sheller 2 row, like new

DISC HARROWS

JD RW 28 blade
JD 7' offset pull-type
Case 24 blade

ROTARY MOWERS

JD 1508 15' fold-up

SPREADERS

JD 870 A Flail Spreader Tandem Axle 1061 gal. capacity, good cond.
JD 40
JD R
AC PTO

LOADERS

JD 168, Like New
JD 45

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Stockland 6' $150
Dunham 7'

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JD 2640 tractor at $15,995
JD 4040 tractor at $23,500
JD 1250 3 btm. plow
JD 2600 5 btm. plow
JD 225 12' offset disc
JD 11' pull-type chisel plow
JD 609 pull-type rotary mower
JD 709 3 pt. rotary mower
JD 1008 10' pull-type rotary mower
JD 51 post driver
JD 1209 mower cond., $6495
JD 1320 disc mower
JD 143 loader, $1595
JD 445 flail spreader, $3725
JD 465 flail spreader, $4295
JD 714A forage wagon
JD 8300 drills 14x7, 18x7 & 21x7
Bushog 5' rotary cutter
Bushog 206 R 6' 3 pt. rotary cutter
Bushog 126R 10' pull-type rotary mower
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Brillion 16' spring tooth harrow
Transport attachment for Brillion cultipacker

COMBINE SPECIALS

JD 205 corn for JD 40 combine
JD 45 w/10' head & 235 corn head
JD 55 w/210 corn head
JD 4400 w/13' grain head

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FARM EQUIPMENT

(Combines, Tractors and Equipment Just Arrived on our Lot.
(Combines) JD 6600 Side Hill turbo, hydro, floating cutter bar, and choice of corn heads, real nice; 1977 Int. 915 w/monitor, fully equip. (SOLD) w/large tires, grain and 863 corn head. 1973 Int. 915 gas w/grain head nice, under $10,000. White 8900 Combine used 90 hrs. like new. New JD 4420 fully equipt. w/213 grain & 443 C.H. list for $71,400. our price $56,900. MF 750 Hydra D w/air, purchased new in '79, fully equipt. w/grain & 1144CH, real N-I-C-E. 1976 Gleaner FD w/air and both heads (1 local owner clean); 1976 Gleaner K w/cab and grain never used in corn, MF 510D w/mud hog and quick tach grain and 44 C.H.; MF 300 diesel w/cab and grain real sharp. 1968 Gleaner CII diesel w/cab and 4 row C.H., JD 7700 D w/grain & corn head, JD 6600 D w/air & 13 Ft. grain. JD 55 sq. back corn special w/cab and 2 heads; Int 715 gas w/cab, 810 grain and 844 C.H., MF 510D w/Quick Tach Heads, (SOLD) Oliver 25 w/cab.
MF 760 diesel hydra with grain and 6 row $19,750. (5 Combines) coming in New J.D. 7720 fully equipped; 1977 JD 4400D w/heads; Int. 1440 axial Flow w/520 hrs.; Int. 1976-915 w/grain and 863 C.H.; MF 510D w/-quick tach grain & corn; MF 300 combine w/cab and grain for $2895.00. Late model Int. 303 w/cab.
N.I. 702 D w/767 Super Chopper. N.I. 702 D w/husking bed and 3 row C.H., NI 702 w/729 A sheller, 702 D w/rebuilt motor. JD 643, 243, 444 C.H.; NI 325 w/12 roll 324 w/12 roll; New Farmall 986 w/Rops $18,800; New MF 2705 cab, air, $27,000; Used Int. 4386 4 whl. drive w/duals, New N.H. 489 haybine; New N.H. 315 Baler; N.H. 268 Baler w/thrower; N.H. 68 balers w/throwers $775 ea. or make offer; NI 323 one row used 2 years. NI 323 one row $2475.
TRACTORS & EQUIP. Farmall 1566 w/cab and duals, new JD 4240 C.A. Q.R., Oliver 1855 w/factory cab. Farmall 560 D WF, Used Farmall 1086 w/R.G., Canopy, White 2-105 w/roll guard, ACXT190 real nice, Ford 4000D w/1400 hrs. excl., M.F. 285D w/R.G., M.F. 165 Tri D. N.H. 1010 Bale Stack Wagon, 3 new Bush Hog Chisel plows 9 & 11 ft. all w/gauge wheels; used 4430 w/-sound guard, cab, Q.R. $16,500.00 (SOLD); Used JD 2640. Corn Heads. Gleaner K330, FL430, E330, A430 for F or F2, MF 421, White 4-150-4 whl. drive, fully eq., Int. 574.
NEW FARMALLS: 1086 C.A. for $25,400. New 986 C.A. new 3388 2+2, New JD 4240 w/Roll Guard & Q.R. $24,900; New 4040 w/Power Shift and R.G. for $23,950, JD 3020 w/Diff Lock, JD 2020, Used Farmall 886 w/R.G. real nice, 1066 w/red cab, Farmall 706 w/310 diesel, 560 tri D. F.H., Farmall 560D w/2000 loader, Farmall 1256 w/cab & air, Farmall 504 Utility gas w/3 pt., 1970 JD 4020 W.F., 2 New Haybines, New Gehl 1090 9' for $4450, New NI 299 for $4250, (3) real nice balers, Int. 445 baler w/thrower just like a new one $3500 less than dealer cost. NH 320 w/thrower, used 1 season. NH 277 w/thrower, JD 24T w/#30 kicker
Corn Heads JD 643, 444, (SOLD) 343, 344, 435N for 95, 335, and 313 for 55C, 334, 235, Massey Ferguson 44, 63, 43, 24, 33, 222, 422, Gleaner G435 L438, F430, F438, A430, E240, K238, F335, F330, K330, G630 N.H. 4-row quick tach, Int. 864, 844, 843, 744, 743, 227, NI 4-row 40" heads, Case 3 (SOLD) row 30", Case 4 row 40", MF 43 Lo Profile, Int. 744 for 715, Int. 6 row, 30" for 503, NH 4 row 38" C.H. New JD 444, $7350. Just Rec. - New JD 643 for $10,800, used White 704N, 706N C.H. used JD 444 for $3500.
TRACTORS 1977 JD 4230 cab, air, quad, JD 2940 w/front wheel drive and cab, used 360 hrs. for $18,800. JD 4430 CA Quad w/long axles for duals; JD 6030 C.A. Duals, real sharp; JD 6030 cab and duals, fair; JD 4520 w/triple hyd. for 11,900. Nice, JD 4320 for $11,850. Farmall used 986 cab and air, 1566 cab and air w/new T.A., for $18,000. Farmall 706 gas w/TA and 3 pt. original real good for $4500. Farmall 544 gas W.F. Farmall 706D WF & 3 pt.; NI 324 picker w/super sheller used 80 acres.
CORN PICKERS - only few to pick from (new) N.I. 324 w/12 roll bed; NEW New Idea 325 w/12 roll bed, Used (4) N.I. 324 w/12 roll bed, (1) NI 325 N w/12 roll bed (325 N. w/sheller), NI 3 row 30" picker w/super sheller, New Idea shellers and Super shellers, N.I. 2 row 30" picker w/grinder. Int. 234 w/12 roll bed. JD 3800 2 row chopper
John Deere 8630-4 Wh. Drive w/3 pt. PTO & Dual Wheels, real nice, also AC #2600 - 28 ft. Hyd. wing disk, like new, J.D. 7520 w/3 pt. & Dual Wheels.
(Tractors w/Loaders), JD 4020 w/58 Loader, Farmall 1206 w/cab.
Case 930 CK w/5X Plow. New JD 4440 cab, air, power shift. J.D. 4010 gas. JD 4020 gas $4900. JD 4430 C.A. QR, 1970 JD 4020 w/roll guard; JD 4320 w/cab, 2-JD 1970 4020 w/dual hyd., 1970 JD 4020 Power Shift & Dual Hyd., Farmall 856 - nice.
Farmall - 1568 - V8 w/cab & air used 1000 hrs., used 686 w/cab & air, 1566 w/cab, 766 D; 1466 w/cab.
Steiger Bearcat 4 whl. drive w/dual wheels and new motor in excell. cond.; Gleaner E Combine w/cab, grain and corn head; Farmall 1206, 460 Gas w/F.H., Farmall, 756 gas, 560, 856 w/front wheel drive, Farmall Hi Crop 656 diesel, 756, 300. Cub Loboy w/mower, Cub w/mower and F.H.
HARVESTERS. New Int. 720 w/2 row, JD 38 w/2 row pickup N.H. 770 w/2 row, J.D. 38 Chopper w/2 row, NI 3 row, Fox 2 row 30", Fox 3 row 30", Fox 2 row snapper head. JD 1 row snapper head like new.
ALLIS CHALMERS 7080 w/cab & duals $18,900 duals 7040 w/cab, power shift like new, AC 200 w/cab & air, AC 185 - $10,400, low hrs., 210 w/new 20.8x38 tires. A.C. 185D (SOLD) w/loader
JOHN DEERE New JD 4440 cab, air, power shift, $35,900. Used JD 4430 - 4 post, power shift, used 4230 cab, air, QR, nice, 1975 - 4430 C.A. QR. sharp. 4030, 5020 tractor puller, 1972 JD 4000 D P.S. 1 local owner sharp. 4010D w/WF, 730D, 720 D. 60 w/3 pt., 3010 gas utility, 520. JD 3020 P.S. Gas JD 4030 w/R.G. and Quad
FARMALLS: used 1586 w/cab fully eq. w/duals, used 500 hrs. like new, 1086 w/Rops, 966 black stripe w/roll guard, 856 w/3 pt. and 38" tires, 1206, 806 w/3 pt. & 38" wheels, Farmall 656 Diesel & 656 gas, 766, 1456, 806, Farmall hydro 70 w/w.f. and 3 pt., 826 hydro D nice. 504 WF w/3 pt. 460 Dsl. TA, nice, $2275, 400 w/P.S. & F.H., Super C w/cult. and 7 ft. mower, Ford 6000 tri D for $1975.00.
New White 2-105 w/cab $22,850. Oliver 1755 w/cab and air; Oliver 1650 w/R.G.; 1750 w/over and under, 1800 D W.F., 1855, 1850 w/over and under, Ford 2000 w/loader, Ford 4000 Tri. D
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MF 165D w/heavy duty loader. MF 175D, sharp.
(Case) New 2090 Cab & Air, power shift $23,950; 1977 Case 1070 power shift w/cab enclosure real nice, 1975 Case 970 w/4 post, P.S.,
Case 1370 - P.S., Case 970 w/P.S. Oliver 1955 & 1850 D. w/over & under shift 1950T w/cab, 2050, 1855 w/20:8 tires, 1650, Ford 9600 diesel w/dual power and dual wheels, Ford 6600 w/cab, like new, 6000 Commander, D Ford 4000 MM S670 diesel.
COMBINES - JD 7700 Diesel w/Fire Damaged cab. N.I. Demo 768 WN 3 row head, N.I. 702 Uni tractors w/combines & 729 A and 729 Uni shellers w-3 & 4 row 30" and 40" heads. Used JD 13 to 15 ft. grain heads, JD 216 & 213 flex heads
IND. EQUIPMENT - Int. 510 4 whl. drive payloader used 500 hrs. like new. Cat 955 crawler loader, Case 850 D dozer w/hydrl. blade, Michigan 55B Diesel Payloader, Case 530D. L & B - $4475, Skid Loaders - Bobcat Hydro 720, 700. Ford CL40 Skid Loader, NH L35.
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JD 220 hydraulic fold wing disk; White 252 wing disk. Used JD 453 bean head.
New Case 8 row hydraulic fold cult. used N.I. 272 7 ft. cut/ditioner, JD #930 3 pt. R.H. JD #350 PTO drive 40 ft. elevator. Badger 1500 gal. liquid tank spreader, used haybines, JD 1209, 1207, Hesston PT10, Case 550, NH 479, 460.
(New) NH 310 Baler damaged price $1400.00 JD 17 disk grain drill, JD 640 rake w/front wheel.
Used Int. 400-6 row cyclo w/Inst. and Monitor for $1800; White 6 row w/no til fert. fill, inst. and monitor, (3 offset Disks) J.D. #360 12 ft., Wilbeck 12' offset like new, Miller 14 ft. offset. JD Disks #210. Int. #480-22 ft. Wing Disk, Oliver 3 ft. heavy blade disk.
PLOWS - 2 Int. 6X spring reset, Int. 7X on land reset, 5X reset, John Deere #2600; 5X spring reset; JD #350-4X reset like new, JD 7X on land hydrl. reset, Ford 5x18 spring reset.
JD, Int. 5, 6, 7 trip New Bush Hog 12 ft. pull type chisel plow. J.D. #1600 - 16 ft. pull chisel plow. New White 14 ft. field cult., Kawanee 22 ft. Wing Disk Kawanee 15 ft. Roller Harrow.
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M. $800
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856. . . . . $8850
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duals. $8000
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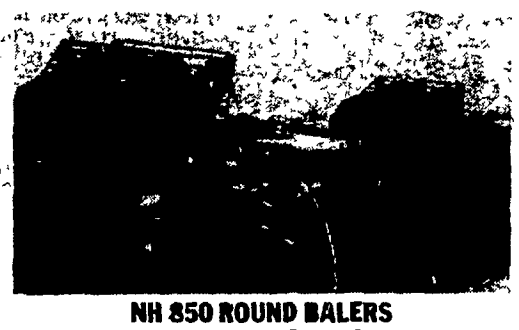
w/Loader $1700-$2800
2400 w/loader $6500
404 w/Mower . . $3500



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Oliver 544-531-522-512
MF 44-422-322-24-222-22-20
NH 2x40
Case 4x40 - 2x40
NI UNI 3x40 - 2x40

CORNPICKER SPECIALS

NI 325 30" w/Sheller & 8 Roll Bed $5500
NI 311 40" w/Sheller . . . $1650
NI 324 40" w/Sheller - Rolled Tin $4800
Lots of Sheller & Grinder Attach on Stock
Grinder Attach for NI Pull $1800
NI Super Sheller Unit . . . $1650
NI 3x40 w/Super Sheller $2950
NI 319 w/12 Roll Bed . . . $3000
NI 325 w/12 Roll - Late Model Rolled Tin. . . $5500

DRILLS
Int 13 S Disc . . $900
Int 17 S Disc. . . $1800
Int 18 D Disc. . $2000
JD 17 S Disc. . . . $950
(2) JD 17 S Disc . . . $850 & $1500

FORKLIFTS
Ford 30' Diesel $11,500
JD 2010 . . . . . $5000
Int 340 . . . . . $4500
Yale 3000 Lb. . $3500

TRAILERS
1969 Great Dane 35 ton detachable . . $15,750
New HD10 2½ ton $1650
New HSE14 4 ton . . . $1275
New HSM14 6 ton . . . $2000
New HSL14 6 ton . $1950
(3) New HTR16 8 ton $2950
1976 Gooseneck 3 axle w/tilt top $4800

CORNSHELLERS
(3) JD 43 PTO . $250 & Up
MM D PTO . $375
(3) NI Grinder for Mtd $750
(4) NI Shellers for Pull . . . $300-$1000
(3) IH 234 Shellers. . $750-$950
(2) NI Mtd Shellers . $950

MISC. CONSTRUCTION
Davis DH5 trencher New Diesel $13,500
(6) Sweeper attach From $95
(40) Used hoe buckets From $150
(25) Loader buckets From $95
New landscape boxes From $425
(8) Set forklift forks From $300
Air Compressor (Garage Type) Like New 5 HP $1750
Mich 35 4WD Loader $8500

TRUCK TRACTORS
(2) 1974 Ford Louisville Single - Diesel $8650

LOG SKIDDERS
Franklin 133B w/Log Loader . . . $6250

RAKES & WINDROWERS
NH 479 Haybine . . $3000
Gehl Haybine . . $1250
Case Rake . . . $595
AC Rake $795
JD 1209 Haybine . . . $1500
NH 477 Haybine $1500

BALERS & STACKERS
JD 336 w/Kicker $3900
NH 270 w/Kicker $1950
Hesston 10 Stacker $3000
(2) Hesston 10 W Movers $750
(2) NH 850 Round Balers . $4500 - $5250
NH PTO Thrower $700

SPECIAL:
NEW LONG 510 CRAWLER 3 PT. PTO
$7950

DUMPS - CONSTRUCTION
1974 Ford Louisville Single Axle New 9' Dump Body 225 Cat Diesel . $13,900
1974 Int 2050 Single Axle New 9' Dump Body 225 Cat Diesel $13,900

DUMPS - FARM
1974 Ford Louisville Single Axle New 18' Omaha Dump w/Cattle Racks 225 Cat Diesel $14,950
(2) 16' Steel Dump Bodies - Complete Used Less Than 1 Year Excellent $4000

LOADERS
IH 2000 Off IH Utility $800
IH 2001 - Mech Dump $675
IH 2001 - Off 706 $975
Horn off JD Utility $300
Kelley - Off 340 Farmall $575
Freeman Off Small Ford $575
Pippin - Off IH Utility $775
Davis Off MF 35 $875

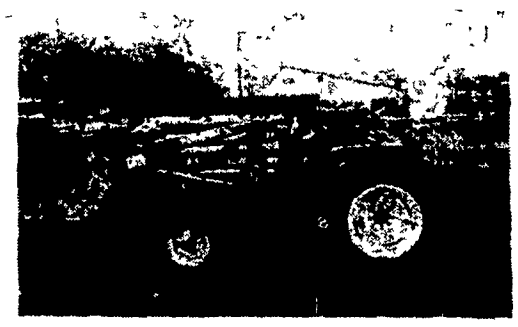
MISC. MACHINERY
Chisel Plows
Long RollBars. . $300
NH 352 Feed Mill $2850
Manure Spreaders
Snow Plows
Side Dressers
Large Papec Mill. $500
Spike Harrows . . . . . $75 per section
Field Cultivators
Spring Harrows . . . . . $75 per section
Swartz Mixer Cart $1850
1 Row Potato Digger w/engine . $495
Lime Drill . . . $295
(2) Rotary Mowers - Approx. 14' . . . . . $1500-$2500
1X PTO - Potato Digger. $695
N H 354 Feed Mill $3850

ELEVATORS
King Wyse Corn Drag $395
Mayrath - 32' . . $600

BACKHOES
Long 3 pt. Hoe-new $4500
Long 5 in 1 w/cab . . . $17,500
(2) JD 310 . . . . . $11,500
Ware Hoe Attach $2750
Case Hoe Atach . . . $2750
JD 9300 Hoe Attach. . $5500
3 Pt Backhoe . $2400
IH Hoe Attach $1800

FOR SALE I & T TRACTOR SHOP MANUALS FOR OLDER & NEWER TRACTORS

CABS
New All Season For 930 & 1030. $1700
New FV For 1150 MF . $1700
New FV For 1085 - 1155 MF $2000
Used For NI Uni System . $900
Oliver Rollbar $475
Air Cond (New) For JD 33-44-6600 Combine . $675
Cab Off IH 403 Combine $900
Cab Off 3400 Ford . $800



LOADER TRACTORS

IH 674 D (pictured) $7800
IH 2400A $6500
IH 340 - Widefront. $2800
IH 340 - Trycycle $1700
MF 35. . . . . $2500
Ford 9N $1950
Long 460 4WD. $6900

NEXT AUCTION
DECEMBER 14
9:30 A.M.

CRAWLER LOADERS
Cat 941 . . $16,900
Cat 933 . $8750
(2) JD 350 . . $6500-$7500
JD 450B w/9300 Hoe. . $15,900

1978 CHEVY DIESEL PICKUP - 40,000 MILES
$4800 OR OFFER

DUALS - ALL SIZES ON STOCK

ROLLBACKS
1979 Int 2500 Tandem 290 Cummings 1110 Trans Jerr-Dan 26' Rollback Built Super Heavy $48,500
1968 Int Diesel - 24 . . $7500
1976 Ford Louisville Diesel - PS - 5 & 2 - 24 Rollback Nice $23,750

PLOWS
White 6x18 Reset . . . $5000
JD 5x16 Pull . . $775
(40) 1X to fit small tractors
JD 1450 6x16 . $2150
JD 1450 6x16 $2950
JD 1450 6x18. . $3350
IH 720 5x20 Reset . . . $5000
(2) JD 2600 4x Reset New . $5000
IH 6x16 Reset . . $2800
JD 2600 7x18 On Land Spring Reset $6000
1x-2x pulls on stock
Lot of 3x and Smaller Plows
MF 3x Rollover $1250

DISC'S
Int 36 w/wings $4500
Int 44 w/wings $4500
Long Offset $4000
Wilbeck Offset $4500
(2) Int Cubs - Rebuilt $495
JD KBA 28 Rebuilt $750
IH 28 FH - Rebuilt $750
(2) IH 44 Blade - Rebuilt $1800 $2000
(2) IH 40 Blade Rebuilt $1800
(3) IH 36 Blade Rebuilt $1800
(2) Cub Used $400
Oliver 36 Blade Wheel $1500
(14) 6 6' 3 pt - New $495
White 32 Blade $1700

SKID STEER LOADERS
Case 1740 Diesel $6800
Melroe 500. . $3500
OMC. . . $3500

COMBINES
(2) JD 40's $1600
MF 35 Pull $2500
IH 203. . . . . $1675
IH 403. . . . $3000
MF 300 Q Tach. $3000

COMPLETE RUNNING GAS & DIESEL ENGINES
50 On Stock - Call

HARVESTER & HEADS
NH 707 - 3 pt - 1 Row Chopper
NH 717, 1X-2x30 - 2x40 Heads
NH 717 P U & Cutterbar Heads
NH 890 Chopper
NH 880-890, 1X-2x40, 2x30, 3x30 Heads
NH 818 P U. Head
NH 616, 1X, P.U , Cutterbar Heads
JD 38 Chopper
JD 35-38-3800, 1X-2x40 - 3x30 Heads
JD 35-38-3800, P.U & Cutterbar Heads
JD 34, 2x30, P U , & Cutterbar Heads
IH 555 Chopper
IH 50 to 650, 2x30 2x40 Heads
IH 50 to 650, P.U , & Cutterbar Heads
IH 15 to 350 P.U & Cutterbar Heads
Fox Chopper
Fox 1X - 2x40 - 2x30 - 4x20 Heads
Fox 2x30 - 3x30 Snapper Heads
Fox P U & Cutterbar Heads
AC 720 Chopper
AC 720 2x30 & P U Heads
AC 780 P U Heads
Gehl 2x30, 2x40, P U , & Cutterbar Heads
Case P U Heads
Hesston P U Heads

NI UNI SYSTEMS
701 Tractor w/cab
727 Husking Bed
2x40 Cornhead
3x30 Cornhead
Combine
Grainhead
3x30 Chopper Head
Pickup Head
High Moisture Throat
2x40 Chopper Head
3x40 Corn Head
705 Diesel w/cab
760 Chopper

FARM EQUIPMENT

USED EQUIPMENT

TRACTORS:

- Waiver of Finance on Used Tractors To March 1, 1982

IH 1566 D., Cab & Air, 30.5x32 tires, new TA, Real Nice
JD 4520, 20 8x38 Radials, No Cab
IH 560 Gas, 400 Gas, 300 Gas
IH 706 Gas
IH Super MTA
IH 350 High Utility
IH 350 Farmall
IH 544 Gas w/2000 Loader
MF 165 Diesel
White 2-85
JD 1010 Gas w/Tricycle Front End
Oliver 1800 Gas, Wide Front End, over & under
Farmall 300 3 ph, real nice

TILLAGE:

IH 760 14' Offset Disc
IH 475 13'5 Disc Harrow
Bush Hog 18' Folding Disc
Pittsburg 12' Disc
Oliver 251 9' Disc, Real Nice
IH 370, 350, 37, 35 In Various Sizes
JD 12' 3-Rank Chisel
JD 1600 12-shank Chisel Plow w/ga. wheels
Oliver 4-Bot Semi-Mtd Plow
Int. 663 6-Row Cultivator

PLANTERS:

4 & 6 Row Cyclos, Field Ready!
JD FBB 17x7 Comb. Single Disc, Good Shape!
JD 494-A, DD, 4-Row Planter
IH No. 10 13x7 Plain Drill
IH No. 10 16x7 Single Disc, Comb, Hyd. Lift
IH No. 10 16x7 Single Disc, Comb.
Oliver 24x6 Combination Drill
Oliver 17x7 Combination Drill
MF 13x7 Comb Drill

COMBINES:

915 Combine, Low Hours, Like New
(1) 844 Cornhead
810 15' Floating Cutting Bar

- Waiver of Finance to 9/1/82

IH 403 w. 4-Row Wide Head & 12 ft Grain Platform
IH 315, 2-Row Wide Head
IH 205 w/227 Head
IH 203 w/2 Row Head
IH 227 Cornhead, fits 315, 205 or 203
Straw Chopper for Gleaner M

HAY & FORAGE EQUIPMENT:

#8 Flail Chopper, Like New
JD 115 Forage Wagon
Gehl 800 Recutter Blower
Model BN98 Badger Blower
Gehl FBB 88 Blower
38 JD Chopper
550 IH Chopper
36 NH Flail Chopper
33 NH Flail Chopper
(2) 990 Int Mower Cond., 9 ft
1014 Hesston Mower Cond.
420T Hesston S P
NH 479 Haybine
NH 276 Baler with Thrower, Real Nice!
MF DEO-20 3 pt Hitch, 5 Bar Rake

ERB & HENRY EQUIP., INC.
New Berlinville, PA 19545
Ph (215) 367-2169
Daily 7-5
Fri. 7-9, Sat. 7-4

NEW SPECIALS

519 NH manure spreader
310 NH baler
165 bu. and 230 bu. gravity flow boxes
6 ton wagon chassis

USED SPECIALS

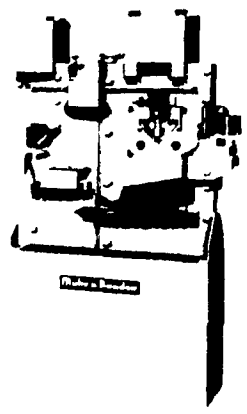
717 NH forage harvester w/2 row corn head and pick-up head
MM 2 row picker sheller
977 Pasqualli tractor w/3 pt. and loader
1050 Bolens tractor w/42" mower
Gehl grinder mixer

Ask for special prices on items listed above.

Ford Tractors Equipment

EDWARDS FARM EQUIPMENT
291 W Moorestown Road
Route 512 At Clearfield,
Nazareth, Pa 18064
Phone 1 (215) 759-0240

NEW - USED
MACHINE TOOLS SHEET METAL AND METAL FABRICATING MACHINERY



Including
shears
brakes
ironworkers
drills
bending rolls
combination shear/brake
saws
punches
and more

Check Our New Low, Low Prices On Ironworker & Bending Rolls

REPRESENTATIVE FOR YOUR AREA TRANSPORTATION AVAILABLE

COMEQ, INC.
P O Box 2193
Baltimore Maryland 21203
Phone 301 675 3180
One of Largest Stocks of Machinery In Area

JOHN DEERE *Nothing runs like a Deere*

Hot Special On NEW EQUIPMENT

	List	SALE
JD 410 round baler	$8300	$6,500
JD 850 tractor w/dual outlets (ready to put a log splitter or bucket on)	7,400	5,800
JD 25A flail mower	1,875	1,400

THIS WEEK'S SPECIAL ON USED PLANTERS

Free Financing Till April 1, 1982

	List	SALE
JD 7000 6RN con servation liquid	$9,500	$8,500
JD 7000, 4 RW max imerge w/popula tion monitor	6,800	5,600
JD 1240 plateless planter	2,500	1,875
JD 494A	900	475
JD 494 for parts	500	300
IHC Cyclo 6RN	5,000	3,200
White 5400 liquid	6,600	5,200
AC planter	3,500	2,100

Repossessed Planters

JD 7000 planter, 4RN maximerge, new never used	8,950	8,400
JD 7000 planter 4 row conservation like new	9,500	8,600

NO TRADE ON SALE PRICES

AUKER-ENA EQUIPMENT, INC.
Oakland Mills, PA 17067
717-463-3511 436-2235

UNICORN FARM SERVICE

JAMES E. LANDIS

PATZ SALES & SERVICE
TERRE HILL SILOS
QUARRYVILLE, R.D.#2, 17566
CALL 786-4158

MANUFACTURERS OF FARM MATERIAL HANDLING EQUIPMENT

Gutter Cleaners
Manure Stackers
Manure Pumps
Manure Spreaders
Liquid-vators
Silo Unloaders
Cattle Feeders
Material Movers
Conveyors

USED TRACTORS

JD 4040 90-Hp, PS, 11 Hrs., Like New
JD 2840 80-Hp, 200 Hrs., R. Bar, Like New
JD 1020G, with ARPS Loader
JD 50 with Cultivator
JD A, Wide Front - Hyds.
Farmall MD Tri. Front - Good
Ford 9N - Runs Good, Newly Painted

USED EQUIPMENT

JD 4400 Combine, Loaded, Excellent Cond, with All Extras, Choice of Heads - $18,000
NH 469 Haybines
Lamco 18 Ft. Bale Wagons
2-JD 346 Wire Tie Balers w/Throwers
NH 275 Baler w/Thrower
Lilliston, Woods Rotary Cutters

NEW EQUIP. IN STOCK

JD 4420 Combine, 4 Row Cornhead & 13' Flex
2 Wheel & 4 Wheel Drive Tractors
Combines, Balers, Disks, Rakes, Choppers, and Skid Steer Loader!

- One Dollar Per Lb off on JOHN DEERE SNOWMOBILES!

SPERRY NEW HOLLAND

- Full Line of NH & JD Equipment .. Extended Waiver of Interest And Price Protection Available on Most new Machines!

KERMIT K. KISTLER, INC.
Rt. 143, Lynnport, PA 18066
PH: 215-298-2011

Badger JOHN DEERE HESSTON FARM EQUIPMENT

USED EQUIPMENT

TRACTORS
MF 65 Gas
JD 520
IH 340
JD 70 Skid Loader

CORN PICKER
IH 1-PR Picker

FORAGE WAGONS
Gehl #610
NH #8 Wood Box
NH #8 Steel Box
JD 216
Badger 16' w/Tandem Axle
Bale Wagons (3)

MISC. EQUIPMENT
Haban Corn Sheller
Hesston Tank Spreader
NH 512 Spreader
JD 737 13' Rotary
JD 2450 7-Btm Plow
AC 3 pt 16" Plow
IH 3 btm. Fast Hitch
JD 350 5 Btm. Plow
JD 225 Offset Disk
JD 110 12' Disk
JD 346 Baler w/Thrower
NH 277 Baler w/Thrower

SUPER SPECIAL
NEW GT 370 DRYER
$7850.00
Picked Up At Pikeville

NEW EQUIPMENT SPECIAL

Hesston 1090 Mower Cond.	$4900.00
Hesston 2000-100 Harvester w/Pickup	$7500.00
Hesston 1070 Mower Cond.	$4500.00
Allied 6x35 Auger No Motor	$1175.00
Allied 8x51 Auger P.T.O.	$1975.00
Badger 2300 Vac. Manure Tank	$6995.00
JD 465 Flail Spreader	$3975.00
JD 1710A 11' Mulch Tiller	$5500.00
JD 1100 3 pt. 10' Field Cult.	$1150.00

ALL ABOVE NO TRADE PRICES

PIKEVILLE EQUIPMENT, INC.
R.D 2, Oley, PA
Phone. 215-987-6277
Berks County's Full Line John Deere Dealer - Serving the Oley Valley 45 years 1936-1981

FARM EQUIPMENT

FARM EQUIPMENT

FALL SHOP SPECIAL
Winter Tractor Maintenance
10% DISCOUNT ON LABOR ON PRE-WINTER REPAIRS

TRACTOR PAINT SPECIAL
Let us make your tractor look like a new one at a 15% Savings.
Call for an estimate
Program effective
11/21/81 thru 12/15/81

AG-Industrial Equip. Co.
Rising Sun, MD.
301-658-5568 301-398-6132
215-869-3542

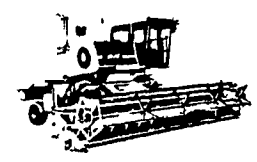
USED TRACTORS AND EQUIPMENT

MF 235D w/loader, 400 hrs.
Oliver 550 w/loader
I-544 hydro
I-656D gear
Farmall Super M
IH 700 4F plow
JD loader
NH 479 haybine
IH 990 mower conditioner
JD 24T baler w/thrower
IH 37 baler w/thrower
IH 56 2 row planter
IH 56 4 row planter
IH 55 chisel plow 13'
NH 352 grinder mixer
NH 512 spreader
IH 715 hydro combine w/13' grain platform
843 4 row corn head

NEW TRACTORS AND EQUIPMENT

IH 786D tractor
IH 886D tractor
IH 1086D tractor
I-784D std.
I-484D std.
I-584 std. low profile
IH-84D
20C hydro mack skid steer loader $15,580
IH 2250 loader (bucket not incl.) $2550
IH 4500 vibra shank cult.
2- 830 forage harvester, must move, low price
1- 720 forage harvester, must move, low price

C & W EQUIPMENT, INC.
260 York Rd.
Carlisle, PA 17013
717-243-4419



MF Massey Ferguson

20% Price Rollback on all New MF agr. w/13.9% 2 year financing or waiver of finance charges. Discounts lower after Nov. 30 Eligible used equipment 13.9% 2 year financing or waiver of finance charges.

NEW EQUIPMENT

MF 245 diesel, 8 speed
MF 255 diesel, multipower
MF 265 diesel, multipower
MF 154-4 diesel
MF 184-4 diesel
MF 540 diesel combine
MF 850 & 860 diesel combines
MF 1143, 1144, 1163 corn heads
MF 4880 diesel tractor
MF 13' and 15' tables and Ull reels
MF 43 and 880 plows
MF 129 chisel plows
MF 226 and 227 snow blades

USED EQUIPMENT

MF 760 combine w/head
2 MF 135 tractors
IH 574
Bobcat Model 700
Melrose skid loader
JD 4020 Tractor
Allis Chalmers WD 45 tractor
MF Super 92 combine
MF 82 Combine gas w/10' grain head and 2 row corn head
Case 1160 combine
NH 285 baler
Ford 520 baler
MF 510 diesel combine

We Service All Makes Of Equipment
Large Inventory of New & Used MF and NH Equipment

ABRACZINSKAS Farm Equipment, Inc.
RD 1, Catawissa, PA.
717-356-2323
(south on Rt. 42)

FORRESTER FARMS

1337 Lincoln Highway East
Chambersburg, PA 17201
Phone: 717-263-0705
Sales - Parts - Service
Long One Day Sale
Dec. 9th

LONG

- 1 IH 1066 w/cab
- IH 784 w/cab
- 4 JD 4020 one w/cab
- 3 JD 3120
- 2 JD 2130 1 w/cab
- 4 JD 2120
- 4 JD 2020
- Used JD cabs for 2030, 2020 1020
- D2 Cat crawler
- Jaegar irrigation pump
- MF 1080 w/cab
- MF 175
- New Long 610
- New Long 510D1 4 wh drive
- New Long 460
- New Long 360
- New Long traveling irrigation unit
- 3 Ford 9600, 1 w/cab
- Ford 9000 (SOLD)
- Ford 8600
- 1 Ford 6600
- 2 Ford 5000
- Ford 4500 backhoe
- 3 Ford 3000
- Ford 841
- Ford 772 A loader
- Ford 641 diesel
- Roadless 95 4 wh drive

¼ Mile East of Exit 6 I-81

FOR SALE

USED TRACTORS

- AC 7030 w/cab, (2)-7000 w/cab, (2)-200 w/cab, (2)-XT 190, (3)- 185, (2)-175, 170, 160 w/loader, 5040, 5040 w/loader, D-19 gas & diesel, (7)-D-17 gas & diesel some w/3 pt., D-15 gas 3 pt., D-15 gas snap coupler, D-14, D-12 high clearance w/cultivator, WD 45, B w/2 way plow
- Ford 9600, 8000, 5000, 4000, 3000, 2000 w/loader, NAA w/loader, (4)-8N
- JD (2)- 4020, (2)-3020, (2)-620
- IHC (2)-544D, (3)-574 w/loader, 560 D, 504, 424D w/loader, B 275D, 340, 240, 230, 140, Super MTA, Super M, Super C, Super A, Super AV, 4 cubs
- Case (2)-430
- MF (2)-235D, 135D w/188 hrs., 165D, 38'' tires w/loader, 35, 30, 50

CHOPPERS

- NH Super 717- 770, NH 1 row snapper head
- Hesston 7020

FORAGE BLOWERS

- NH 25, 27, 28
- JD Kools & AC

BALERS

- (2)-JD 336 w/throwers
- NH 320, 273, 268 w/throwers
- MF 12
- Hesston 4500

CORN PICKERS

- NI 323 1 row, (4)-NI 325 2 row narrow, (2)-324 2 row wide, 8 & 12 roll husking beds. 314 & 329 Super Sheller attachments.
- (2) IHC 1 PR 1 row

Special
New NH 679 tandem manure spreader w/hyd. tailgate $5975

MANURE SPREADERS

- NI 95, 135, 165, 200 bu. spreaders, ground drive & pto.
- JD 40
- Hawk 157 tank
- Starline 145 bushel
- New Starline 200 bu. tanks at old prices.
- Martin Scavenger
- NI liquid

MOWER CONDITIONERS

- NH 489, 479, 478, 477
- Hesston 1090 pt 10 & pt 7
- JD 1209, 1207
- NI MC 7' & 9' cutditioners
- Large assortment of tractor snowblades & front end loaders.
- Call for your needs.
- New & Used 3 pt. snow blowers & rear blades
- New & Used double ring tractor tire chains

USED INDUSTRIAL

- Log Skidders. JD 440 B, tree farmer C-5D, Prientice log loader
- Bull dozers: JD 350 B, 450C w/6 way blade. AC H-3, 4, HD4, 653, IHC 500C w/6 way blade & winch
- Crawler Loaders. JD 350 C, AC HD-3, HD-4 & 655
- Backhoes: AC 615, 715; Kubota 225, Bobcat 610 skid steer loader backhoe available.
- Several used tag along trailers
- York rakes
- New and Used hay and grain elevators
- New hay feeder racks
- New McKee corn hogs in stock
- Just received new Brillion cultipacker/seeders. Early buyer discounts. Special deal on AC new 5050 tractors, 2 & 4 wheel drive models.

Call For Our Deal Before You Buy & Be Pleased

MARSHALL MACHINERY, INC.
RD #4
Honesdale, Pa. 18431
5 miles east of Honesdale on Rt. 652
Ph: 717-729-7117
Sales & Service AC, NI, Hesston, Kubota

NEW EQUIPMENT

- IH 986 Tractor
- #10 flail chopper $3700
- Woods rotary cutter, 6' $900
- Winco 25 KW generator w/trailer $1850
- Bush Hog 5' chisel plow $800

USED EQUIPMENT

- Ferguson tractor
- Farmall A tractor
- AC gleaner combine model CII 14' grain & 4 row corn head $7500
- IH 674 diesel
- IH 574 diesel utility, low hrs. $7300
- IH 544 gas hydro, new engine $5800
- NH 469 haybine $2400
- IH 400 cyclo planter $3000
- Oliver 5F 16'' plow $1150
- Oliver trail plow, 3f trip, $300
- 1 NH 68 baler w/thrower $800
- Sheller for NI picker $600
- IH 234 corn picker
- NI manure spreader $500
- 72'' Woods under mount mower $500
- 2- IH 990 mower conditioner, $1975
- IH 234 sheller attachment $1325
- Kelly loader $400
- 2 IH 550 forage harvester hay & corn head $2700
- IH 540 furrow plow, $1100
- Brillion cultipacker, like new $950
- 2000 loader

DOMBACH EQUIPMENT
McAlisterville, Pa. 717-463-2191

C.J. WONSIDLER BROS.

ALLIS-CHALMERS AGRICULTURAL EQUIPMENT

Trumbauersville to Finland Rd., Quakertown, PA
Call (215) 536-1935, 536-7523
OR Rts. 309 & 100, New Tripoli, PA (215) 767-7611

USED MACHINERY SALE

Buy any used equipment today and SAVE HUNDREDS OF DOLLARS. CALL NOW and take advantage of the low prices being held over.

TRACTORS

- AC 7040 D w/cab
- AC 7020 PS D w/cab
- AC 200 D
- AC 190XT D w/cab
- AC D19
- AC D17 D
- AC D15 Series III w/front end loader
- AC WD45 G
- AC WD G
- Ford 3000 G
- Ford 800
- Ford 601
- Ford 9N
- Farmall 560 D
- Farmall 400
- Farmall 460 D
- Farmall M
- Farmall H
- MF 1100 D
- MF 1080 D
- MF 180 D w/loader
- MF 180 D
- MF 50
- White 250 D, like new!
- Oliver 1850 D
- Oliver 500 D
- Oliver 55 D
- Case 630 w/loader
- (3) Case 300
- Case DV
- (2) JD 60
- Satoh Elk 550 w/low hrs

COMBINES

- Gleaner MKS w/13 grain & 630 corn heads
- Gleaner FKS D w/grain & corn heads
- Gleaner FKS w/grain & corn heads
- Gleaner AII w/13 grain & 2 row corn heads
- Gleaner CII w/13 grain & 438 corn heads
- JD 55 Corn Special w/cab, 12 grain & 330 corn heads
- JD 55 w/grain & corn heads
- JD 40 w/grain & corn heads
- JD 45 w/grain & corn heads
- MF 82 w/grain & corn heads
- NH 975 w/grain & corn heads
- IH 203 w/grain & corn heads
- NI Uni System 704 w/717 combine, 4 row corn head
- Moridge 400 Grain Dryer
- Behlen 400 BU Grain Dryer

AVCO NEW IDEA

CORN PICKERS

- NI 105 w/307 husking bed, fits JD 3020
- NI 305 w/307 husking bed & 302 sheller for Farmall tractors
- NI #10 1 row
- NI #7 1 row
- AC 170 2 row w/husking bed like new!

SPERRY NEW HOLLAND

Lobachsville, Oley, PA (215) 987-6221, 987-6257

USED EQUIPMENT FOR SALE

- Fox Super D w/Diesel engines w/cab and heads
- NI 702 Uni System w/ diesel engine, chopper and Forage Heads
- NI 3 Row Snapper Head, like new

717-627-3665

USED GORMAN-RUPP PUMP

For liquid manure and waste water, pump only or w/gas engine

EECO, INC.
4021 N. 6th St
Harrisburg, PA 17110
717-238-9423

USED TRACTORS

- JD 4430 w/Cab
- JD 2840
- JD 2640 w/Loader
- JD 1020 w/Loader
- MF 135
- Ferguson 30 w/ Snow Blade
- IH 300 w/Loader
- Ford 4000
- Ford 3000D

USED EQUIPMENT

- JD 4400 Combine, Gas
- Geh! Forage Wagon
- JD 6620 Side Hill Combine w/6 Row Corn Head

JOHN DEERE

SHOTZBERGER'S EQUIPMENT
Elm, Pa.
Phone: 717-665-2141

FOR SALE

Owatonna Bobcat 1200
717-354-7561

FOR SALE

Antique Fuller & Johnson single cylinder vertical engine power plant, direct connected with Western Electric generator and control panel factory built, complete and rare, $850.

Dual Enterprize coffee mill with factory Wagner electric motor, ½ hp, 110V, $60.

Standard twin garden tractor with cultivator and disc, good 550x18 tires, $250.

215-539-7364

INTEREST IS DOWN

WE'RE DEALIN' ON FORD TRACTORS

AND FROGGIE IS BACK FATTER THAN EVER WITH REBATES

REBATE REBATE REBATE

NEW

Model	Rebate	
1200 4WD Diesel	$175.00	
1700 4WD Diesel	250.00	
1700 2WD Diesel	250.00	
5600 2WD Diesel	1000.00	+ Free Finance*
6600 4WD Diesel	1000.00	+ Free Finance*
7600 2WD Diesel	1000.00	+ Free Finance*
7700 2WD Diesel	1000.00	+ Free Finance*
TW20 4WD Diesel	2500.00	+ Free Finance*

★ *Free Financing Until March 1, 1982*

USED

- 5000 2WD Diesel New Eng. & 8 Speed Trans.
- 40B MF Tractor loader less than 500 hrs.
- 8N w/Wagner Loader & 2 Buckets
- Cub Farmall w/Mower - Snowblade & Chains
- 3600 Diesel 8 speed w/140 hrs.
- 8000 Diesel nice - Free Financing*
- 6600 Diesel w/o cab
- 6600 Diesel with cab

Ford Tractors Equipment

LOOK OUT WORLD
Here Comes FORD AT

SERIES 10

LANCASTER FORD TRACTOR, INC.

1655 Rohrerstown Rd.
Lancaster, PA 17601
Phone: (717) 569-7063

FARM EQUIPMENT

FARM EQUIPMENT DISPERSALS AUCTION
SATURDAY, DECEMBER 12th
10:30 a.m.

Alan Thompson, Spring Grove, Va
(Between Waverly and Hopewell)
Everything in Excellent Condition

TRUCKS INCLUDE: 1980 GMC Sierra Grande 4-wheel drive Pickup, 1975 Chev. C60 w/15 ft. dump body, 1974 GMC 3/4T Truck, 1973 Int. Dump Truck, Loadstar 1700, w/14 ft. body, Handie Implement Trl. 18 ft. 10T Tandem. **TRACTORS INCLUDE:** 2-J D 4430 diesel, J D 3020 diesel, IHC 504 Gas, Also - JD 6600 Diesel Combine, JD 148 Loader w/72" bucket, Ferguson Tilrovator Mdl. 70 w/Gandy Applicator, 10 JD No. 71 Planters - 2 seed monitors, No-Til Attach. 4-Noble Applicators, KMC 4-Row Ripper and Spieder Hyd. Row Markers, **PEANUT EQUIP. INCLUDES:** 1978 522A Hobbs Pea Combine, 1976 522 Hobbs Pea Combine, Long Peanut Drying Unit 6-Trl. w/Air Vent Dryer, Ferguson 2-row Peanut Lifter, Paulk 4-row 3 pt. Plasterer, KMC 2-row Peanut Digger and Vine Cutter, MUCH MORE Equipment Including: N.I. 12A Manure Spreader, Kewanee 620 Hyd Disc, JD 709 Bush Hog, Portable Mixer-Grinder, 12' Chisel Plow, Ford Double 4-bot. 18" "flip" plow, JD 210 Hyd Disc, 8' pull-type harrow, cultivator, Baler, Crop Sprayer, Fertilizer Spreader, 200 & 125 bu. gravity Flow Wagons, Rotary Hoe, Portable Grain Auger, other equipment and misc. tools. ALSO SELLING: Hereford/Simmental Cows and calves, bred and Yearling Heifers, ¾ Simmental Bull and Angus Bull ALSO - Farm and Peanut Equipment of A.G. Moore of Waverly, Va. including: 2-IHC Super C tractors w/4-row cultivators, IHC B414 tractor, IHC M and JD "B" tractors, 9 ft. Chisel Plow, IHC 4-14" Plow, disc harrow, feed mill, Long Mdl. 377 Peanut Combine, Ferguson 2-row Peanut Digger and Reshaker and Sulfur Duster Plus Other Equipment - For Detailed Brochure

Contact -

OWNBY AUCTION AND REALTY CO., INC.
1301 Hermitage Rd., Richmond, Va.
Telephone 804-358-8493

FARM EQUIPMENT

USED EQUIPMENT
JD 494A Planter
JD 694A Planter
JD 7700 combine
JD 4400 Combine
JD 105 Combine
JD 727 rotary mower
JD 244 Cornhead
JD 1250 corn planter
JD 214WS Baler
NH 273 baler
JD 485 mower conditioner
NH 469 Haybine 9'
JD FB Drill
JD 3800 Chopper
JD 47 loader
Oliver 5x16 Plow
Case - Field Cultivator
IHC 470-17' disc

SPECIAL PRICES ON NEW EQUIPMENT
Grimm Tedders in Stock
H & H Bale Bodies

SPECIAL INVENTORY SALE ON NEW EQUIPMENT
1- JD 111 - 12 Ft. 10 In. Disk - $2895.00
1- JD 1630 - 11 Ft. Plowing Disk - $4,540.00
1- JD 2600 PLOW 5-16" - $4685.00
1- JD 2450 - 7-16" PLOW - $4,815.00
No Trade-Ins Accepted.

J.S. COVERT & SONS
Neshanic Station, NJ
201-369-5241
Just 3 miles off Rt. 202
(Between Flemington & Somerville)

FARM EQUIPMENT

RENTAL
SPECIALIZING IN RENTAL OF
SKID LOADERS & BACKHOES

STOLTZFUS MFG. CO.
R.D. #1 Box 700
Honey Brook, Pa. 19344
Phone - 215-273-3376
or 215-273-3050

FARM EQUIPMENT

HI-PRESSURE HYPRO PUMP
Build your own washer with a Hypro 0 to 1200 PSI pump
Pumps, nozzles, hand guns.
EECO, INC.
Harrisburg, Pa.
17110
717-238-9423

FARM EQUIPMENT

NI 325-326, 8 roll narrow row corn picker
NI 737 Husking Unit
AC F440 Corn Head
NI 744N Corn Head
AC 7000 Tractor
AC 5040 Tractor
AC 170 Gas Tractor
AC D17 Gas Tractor
NI 702 Diesel Power Unit

ROY H. BUCH INC.
Ephrata
717-859-2441

JOHN DEERE — *Nothing runs like a Deere*

THIS WEEK'S SPECIALS
NEW JD 4040 TRACTOR
WHITE 4-180 TRACTOR
WHITE 2-155 TRACTOR
NEW JD 4040 THRU 8640 TRACTORS NO FINANCE CHARGE TILL JUNE 1, 1982

USED TRACTORS
White 4-180
White 2-155
IH 656 Hydro.
Case 885, 500 hrs.
JD 2840 w/Loader
JD 2840
JD 720D w/337 Corn Picker

CORNPLANTERS
JD 7000 w/No-Till
JD 1240
JD 1260
JD 494A

HAY & FORAGE EQUIPMENT
NH 1895 Sp Fg. Harvester w/3 heads
JD 35 Fg. Harvester w/N2 head
JD 3800 Forage Harvester w/2RN
Fox 2200 Fg. Harv. w/2 heads
NH 3RN Corn Head
JD 244 Snapper Head for Fg. Harvester
NI Side Rake
NH 1010 Auto Bale Wagon
NH 273, 271 & 269 Balers w/Throwers
OMC 9' Mower Cond.
JD 1207 Mower Cond.
JD Hay Crimper
NH 1469 SP Haybine, w/Ford Water Cooled engine
NH 469 Haybines
Hesston 1010 Swing Tongue.

USED TILLAGE
9 Shank Soil Saver

MISCELLANEOUS
15 HP 3 phase elec. Motor
JD 34 Spreader w/ Hydraulic endgate
Davis Scat Back Loader

JUST ARRIVED
JD 7000 4R & 6R Conservation Corn Planters

NEW TRACTORS
JD 4240 SG, Power Shift
JD 4040 4 Post, QR
JD 2440
JD 2240
JD 1050

NEW HAY & FORAGE EQUIPMENT
JD 506 Gyamor - Mower
JD 1209 Mower Conditioner
NH 718 Fg. Harvester
JD 3940 & 3960 Fg. Harvester
JD 337 Balers
NH 315 & 320 Balers
Bale King Bale Boxes
JD 2420 Sp. 12' Dsl. Mower Conditioner
NH 1495 SP Haybine
NH 489 & 495 Haybines
JD 567 Wheel Rake

NEW TILLAGE
JD 950 Roller Harrow
NH D100 Disc Harrow
JD 2600 & 2700 4B Plows
JD 1600 Chisel Plow
JD 115 & 215 Disc Harrows
JD 336 Lever Harrows

NEW SKID STEER LOADERS
Bobcat 530, 642, & 743.

NEW SPREADERS
NH 329, 519, & 791
JD 392 Spin
JD 450 Hydro Push
Martin V Type & Scavenger

NEW DRILLS
JD 8250 18x7
JD 8200 14x7

NEW MISCELLANEOUS
JD 335 Skid Sprayer
Most Model JD Loaders & Blades
EZ-Flo Gravity Boxes

CLEAN ENERGY WASTE OIL BURNER.
Now You Can Burn Your Waste Oil for Heating.
Call for details.

No Finance Charge On New & Used JD Tractors Till March 1, 1982

No Finance Charge On NH - Forage Till March 1, NH Hay Tools Till June 1 JD Hay & Fg. Equip. Till May 1.

CLUGSTON IMPLEMENT, Inc.
1 Block off I-81 Exit 8
Chambersburg, PA 17201
Phone: 717-263-4103

bobcat — SPERRY NEW HOLLAND

bobcat — IH

USED EQUIPMENT

Tractors
Farmall A
Farmall C
Farmall 140
Farmall M
IH 240
IH I-656 Gas Hydro
IH F986 D
IH F504
IH F560 Gas
IH F1066 D
IH F300 Gas
IH 350 Utility w/Loader
JD Cyclone B
MH Pony Outfit with Hydraulics
Ford 8N
Oliver 88D

Plows
IH 550 5-Bottom
IH 440 3F 16
IH 531 3F
IH 700 6F Auto Reset
IH No 8 Trailing
3F Trailing Plow
Fast Hitch 2 way
MF 3F 16 ' Mounted
MF 5F 14" Mounted
JD 3F 16" Mounted
JD 4F 14"
Oliver Chisel Plow
JD F125 3F
Ford 5F 18

Tillage
IH 122 Mtd Disk Harrow
Dunham 10 Ft Cultipacker
Lely Power Harrow
MF 3 pt. Disk Harrow
McConnel 20' Spring Tooth Harrow with Transport
JD 10 Ft. Roller Harrow
IH 315 Packer Mulcher, 13'6"

Planters & Drills
IH 500 Planter, 6 Row
Pittsburgh 4-Row 3 pt Cultivator
IH 251, 2 Row Mtd.
IH 400 Cyclo 4 Row
JD 494 Planter
IH 10 16x7 Comb Drill
JD 13x7 Drill
JD FB 177B Drill, 17x7
JD 1250 Planter
MF 468 4-R Planter

Pickers
IH 2 ME
IH 2 MHD
NI 2-Row Mounted
NI No. 10 Cornpicker

Combines & Cornheads
IH 127
IH 810 15' Grain Head
IH 227 Corn Head
IH 429 Corn Head on 403
IH 844 Corn Head

Hay Machines
NI 402 Rake
IH 430 Baler
IH 46 Baler w/Thrower
IH 37 w/thrower
IH 420 Baler w/Thrower
IH 10 Bale Thrower
IH 115 Mower
IH 990 9 Ft. Mower Conditioner
IH 1190 Mower Conditioner 9 Ft
M C Rotary Scythe
Kubota 60" Mower
JD 2 pt. Mower
JD Hay Tedder
Myers Hay Crusher
NI Mower
NH 67 Baler
JD 214 Baler

Forage Equipment
IH 16 Harvester w/2 Heads
IH 550 Harvester w/2 Heads
IH 650 Forage Harvester
IH 50 w/PTO Drive
IH 2 Row Wide Row Crop Units
JD Forage Box
JD 6 Harvester
JD 34 Harvester w/2 Heads
JD 16A Flail Chopper
IH 5 Flail Chopper
IH Hay Pickup 550/650
AC 780 Harvester
Fox 546 Harvester
NH 717
IH 42 Blower
IH 56 Blower
NH 25 Blower
Kools Blower

Miscellaneous
NI EGT 100 electric garden tractor
IH 20 Loader For Super C
IH 85 riding mower
IH 147 Cadet w/Mower
Sears 6 HP riding mower
Snow Blowers For Cadets
IH 530 Spreader
NI Spreader
MF 205 Spreader
Waldron Dozer Blade w/IH or JD Mountings
JD Post Hole Digger
Sunmaster B90 Mower
Woods Cadet 60 Mower
Woods RB7 Blade
Woods M5 Rotary Cutter
Walsh 300 Gal. Sprayer
IH 40 Spreader
IH 580 Spreader
IH 175 Spreader
IH 550 Spreader
Badger 205 Spreader
Starline 950 Spreader

This Week's Special...
NEW IH HYDRO 84
Ideal Loader Tractor

SWOPE & BASHORE, INC.
RD 1, Myerstown, Pa.
Located 1 Mile S. of Int. 78 & 6 Miles
N. of Myerstown on Rt. 645 in Frystown
PHONE: 717-933-4138
Area Codes 215 & 717
Call Toll Free 1-800-692-7467

WHITE Farm Equipment — bobcat — KUBOTA — SPERRY NEW HOLLAND

USED EQUIPMENT

TRACTORS
Oliver 770
Oliver 1650
Oliver 1850

HAYTOOLS
NH 268 Baler w/Thrower
NH 269 Baler w/Thrower
NH 270 Baler w/Thrower
NH 846 Round Baler
NH 68 Baler
NH 275 Baler
Oliver 620 Baler w/Thrower
JD 483 Mower Cond.
NH 467 Haybine
NH 469 Haybine

SKID LOADERS
NH L-35, 358 Hours
Bobcat M600

TILLAGE - PLANTING
White 5400 Planter
MM 4-16 HAR Semi Mtd. Plow
JD 1240 4-Row w/Monitor
Ontario 16-7 Grain Drill, 1 Yr. Old
IHC 16' Cart Harrow

FORAGE TOOLS
NH Super 717 w/1-Row
NH 717 Harvester w/1-Row
NH 880 R2-2-Row Head

CORN PICKERS & COMBINES
NI 324 2-Row w/12 Roll Bed

SPREADERS
JD 54 Spreader
NI 212 Spreader

NEW EQUIPMENT IN STOCK

WHITE
2-30 Two Wheel Drive
2-45 2&4 Wheel Drive
2-62 Tractor
2-105 Tractor
WHITE
543 6R Planter No Till
5100 6R No Till
WHITE 254 10'4" disc
N.H. L425 Loader
N H. 256 - 258 Rakes
N H. 707, 718, 782, 892 Harvesters
N.H. Spreaders - 513, 519, 679 & 800
Vicon 3 pt. Fert. Spreader
Bobcat 530, 641 & 743
Tye No Till Drill
Glenco 7' Soil Saver
Morridge 275 Grain Dryer

SPECIALS
Woods M5 3 Pt. Rotary Mower $675
Woods M72 PC 3 Pt. Rotary Mower $895

DUNHAM - BRILLION - LAMCO - BOBCAT

NORMAN D. CLARK & SON
Honey Grove, PA 17035 - Phone 717-734-3682
Located 14 Miles South Port Royal on Rt 75

DISTRIBUTOR OF CENTRAL TRACTOR PARTS CO

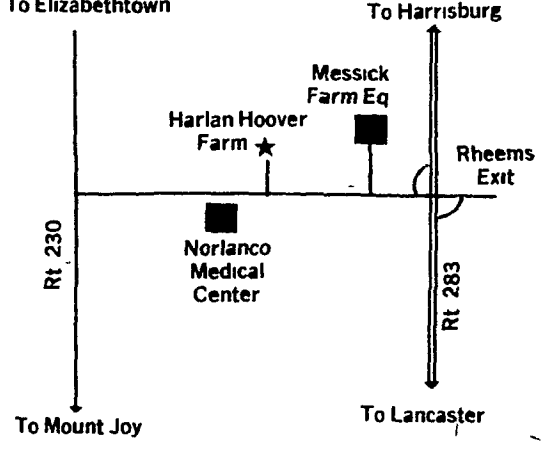
MESSICK FARM EQUIPMENT

PARTNERS in AGRICULTURE

FIELD DAY

TUESDAY NOVEMBER 24

See The All New IH SERIES 88 Tractors In Action



At The

HARLAN HOOVER FARM

RD 3, Elizabethtown, PA

Across from The Norlanco Medical Center, next to Messick Farm Equipment.

DO YOU HAVE A CORN DISEASE PROBLEM?

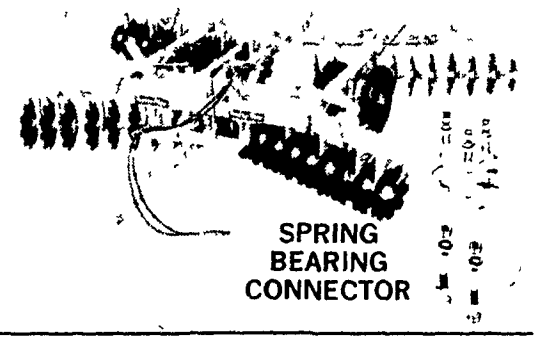
Experts are saying plowing, disking, and shredding could help control this disease.

The "OTHER ROCK LOVING DISK" ►

All Sizes, With Flex Bearing Hangers

CHECK OUT OUR NEW AND USED EQUIPMENT

Taylor-Way



SPRING BEARING CONNECTOR

THE LABOR SAVERS

THE STRONG-BUILTS

Built Extra Rugged For Extra Dependability

NH 791 10 Ton Spreader

NH L425 Skid Loader

GOOD CLEAN USED EQUIPMENT

- NH 519 Spreader, Hyd. Gate, Ex. Cond
- NH 510 Spreader
- NI 214 Spreader w/Tailgate, Excellent, 2650 00
- NH 362 Tank Spreader, $1595 00
- Badger 180 Spreader, $1200 00
- Several Used Cub Cadets
- IH Model 234 Mtd. Corn Picker
- NH 770 R2 Corn Head
- NH Self Propelled 818 Diesel Harvester
- IH 650 2 Row Cornhead and Pickup Attachment
- Twin Rower to Pull 2 Rakes
- IH 37 Baler w/Thwr
- NH 275 Baler w/Thwr.
- NH Model 850 Round Baler, $5395.00
- NH 489 Haybine, Ex.
- NH Model 495 Haybine, 12 ft ex cond, $4850.00
- NH 276 Baler w/58 Thwr.
- IH 400, 4 Row, Excellent
- 1200 Gal Aluminum Sprayer Tank
- JD 494A, 4 Row Planter $975 00
- JD 10 Ft. Cult Mulcher
- JD 12 Ft. Cult. Mulcher
- JD 1209 Mower Conditioner
- IH 7 ft. Sickle Bar Mower, Good Condition
- Oliver 3 Bottom Plow
- IH 531 Plow
- IH 9A Disc Harrow
- JD KBA Transport Disc Harrow
- Ford 8' 3 pt. Disk Harrow
- Grove Forage Box Wagon, Ex Cond, $1350.00
- NI Hay Rake, $650 00
- Fox 3310 Harvester, Super Excellent Condition
- IH Model 510 16x7 Grain Drill, Ex. Condition
- Skid Loader Trailer, Tandem Axle With Brakes & Lights, $1250 00

LOOKING FOR A CLEAN USED TRACTOR?
Check This Listing And Give Us A Call

- Farmall H
- IH 454, 3 pt hitch
- IH 574 D
- IH 656 with New Engine
- Farmall M
- Ford 3600 with Cab, 80 Hours, New Cond
- Oliver 77

MESSICK FARM EQUIPMENT, INC.

VISA

RHEEMS EXIT - RT. 283, ELIZABETHTOWN, PA
PHONE 717-367-1319, 653-8867
WARREN SPICKLER — HOME 653-4560 RAYMOND MILLER — HOME 653-8762
★ WE SHIP UPS

FARM EQUIPMENT | FARM EQUIPMENT

NEW TRACTORS

JD 2940
JD 4040
JD 4440
JD 4640

NEW MACHINERY

1 - Century 300 gal sprayer	
JD 445 Spreaders N/T	$3975
1 - JD 660 Spreader N/T	$4500
2 - JD 680 Spreaders N/T	each $8595
JD 235 17' Disc	
JD 235 19' Disc	
JD 1207 Mower Conditioner	
JD 1209 Mower Conditioner	
JD 950 12' Roller Harrow	
JD 950 15' Roller Harrow	
JD 1250 Plow 3x16	$1800 N/T
JD 1250 Plow 4x16	$2450.95

USED MACHINERY

1974 IH 100 Hydro Tractor Motor overhauled March 1981	
2-Chisholm Rider Bean Harvesters w/656 IHC Tractor	each $6,000
IHC 400 4R Planter	$3500
IHC 400 6R Planter	$3500
IH 56 4 Row Planter	
JD 145 Plow, 5B 16"	$1800
JD 24T Baler w/#30 Thrower	$2725
2-18x4x30-8 Ply Tires and wheels for Gleaner Combine	
JD 800 SP Windrower	$3500

WALTER'S SALES AND SERVICE
RD 2 Mifflinburg, Pa.
717-966-3778
JD Agricultural Dealer and CP

ATTENTION!
We have received the new #1 IH 5088 tractor
Please stop in to test drive

NEW EQUIPMENT
Call for Prices

Gehl 360 skid steer loader
Gehl 1600 round baler
IH 425 baler w/thrower
IH 1190 mower-conditioner
IH 200 2 row, 3 pt cultivator

USED EQ. SPECIALS

Ford 740 tricycle w/Johnson loader
Reg. $1975 Special $1650
JD 4020 diesel, wf, 38" rubber,
Reg $11,800 Special $10,200
IH 990 mower-conditioner
Reg $2250 Special $1850
AC 303 baler w/thrower
Reg $1550 Special $1295
IH 715 combine
Reg $17,500 Special $15,900

USED EQUIPMENT:

766 Tractor	$12,400
1066 tractor	$13,800
2001 loader	$650
IH 550, 5 x 16 plow	$1250
IH 4x14 trail plow	$375
JD 12' Mtd Vibra Shank harrow	$1550
IH 400 Cyclo 4 row planter	$3450
IH 400 Cyclo 4-row planter	$2975
Pincor alternator with trailer	$1495
IH 403 combine, 4 row corn hd, 13' platform, hydro. drive, $9,500	~~$11,000~~
IH 470 19' Disc Harrow w/mulcher	$2500
Fox blower	$750
468 4-row cultivator	$850
2 A-Hay Crusher	$95
NH 770 forage harvester w/2 row narrow row hd & pickup hd.	$4000
#10 hoe drill	$1950
#10 single disc drill	$2300
Arts-Way grinder-mixer	$1375
Bale wagon	$795

INCH EQUIPMENT CO.
Dalmatia 717-758-3021
717-758-6491
35 miles North of Harrisburg, PA on Rt 147
INTERNATIONAL AGRICULTURAL EQUIPMENT
• U P S Service Available

FARM EQUIPMENT

FOR SALE

MF 1085
MF 1130 w/duals
MF 760 combine, 6 row 30" corn head, 15' grain table
Case 1370
MF 180 diesel
AC 190XT
Farmall 966
JD 4020
MF 321 corn head

L & M BURKHOLDER
Ephrata, PA
717-859-2960
717-859-2712

FARM EQUIPMENT

USED EQUIPMENT

Ford 3600 8 sp. diesel, w/730 loader
Ford 6700, 16 speed
(2) Ford 9000, Both Very Good
Ford 7600, 1400 hrs., excellent
Owatonna 1700 Skid Steer Loader New Short Block, very good
Several good semi mount. plows
Ford 9600 cab, air and duals
Ford 881 diesel w/loader

Ford Tractors Equipment

DUFFY FORD TRACTOR, INC.
Rt 404-½ mile East of Rt 50
Wye Mills, MD
301-820-2000

FARM EQUIPMENT

PUT YOUR MONEY IN THE BANK

Buy A New IH Tractor From Us Now, Trade In Your Used One And Put Your Money In The Bank Until March 1, 1982

NO PAYMENTS, NO INTEREST CHARGES

RINGTOWN FARM EQUIPMENT

RD 1, Ringtown, PA
717-889-3184

New Tractors At Old Prices

1086 w/cab
786 18.4x38 tires
84 hydro row crop
584 row crop
84 hydro row crop
184 w/mower

Combine

1420 combine w/corn & grain heads.
Waiver of Finance till 9-1-82
$7000 Rebate till 11-30-81
IH Commodity Bonus

New Implements All w/Waiver Dates

800 cyclo planter	5-1-82	770 offset disc 13'8"	3-1-82
5100 grain drill	5-1-82	370 disc harrow 12'	3-1-82
720 5 btm. auto reset plow	3-1-82	401 harrow 12'	3-1-82
720 4 btm. plow	3-1-82	45 Vibra Shank 12'	3-1-82
140 4 btm. roll over	3-1-82	2250 loader	3-1-82

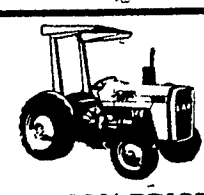
bobcat
HESSTON FARM EQUIPMENT
FIELD QUEEN FORAGE HARVESTERS
ALLIS CHALMERS
AVCO NEW IDEA
KUBOTA

AIRVILLE EQ. INC.

PO Box 37 (Rt 74)
Airville, PA 17302
717-862-3358 or 862-3967

NEW MACHINERY
Hesston
7150, 7160
(Attaching heads for all)
16' forage wagon
Round Balers 5540 & 5580
Bale movers
4600 baler w/thrower
Mower Conditioners 1071, 1091
New 7600 Field Queen harvester, & all attaching heads
Allis Chalmers
5040
5045
5050 w/4 wh. drive
5050 orchard tractors
175
6080
6080 4 wheel drive
7010, 7045
7580
Discs 2300, 2500 & 2600 series
New M2 corn plus combine
Kubota
B 6100 w/4 wh drive
B 6100 HST 4 wh drive
B 6100 HST 2 wh drive
B 7100 HST 2 wh drive
L 345 4 wh drive + loaders, mowers, accessories
Bobcat
530
743
310
New Idea
802 Uni System
Uni System Plats.
Combine
Chopper
1 row pickers
2 row pickers
Elevators
Spreaders. 213, 214, 212, 243, 244, 245
Allied
GT grain dryer
Moore no till drill

USED MACHINERY
AC WD tractor
AC B tractor w/Woods L306 mower deck
AC 185 w/loader
656 IH w/loader
2- Hydromac Skid Steer Loader
AC C combine w/4 row corn head & 13' grain head
Gleaner L combine w/15' grain hd, 4 row narrow corn hd.
83 Massey combine grain platform w/2 heads
IH 440 baler w/thrower
Hesston 500 SP mower cond.
NI 272 cutditioner
IH 990 mower cond
NH 1010 bale wagon
White 5 btm. hyd reset plow
Oliver 4 btm. hyd. reset plow
MF 3 btm hyd reset plow
NH 717 forage harvester on 1 row hd.
IH 555 forage harvester w/2 hds.
702 power unit and chopper and choice of heads
NH 718 with new 1 row head or 2 row and pickup
AC 6' pull type rotary mower
JD 36' elevator w/motor
Taylorway 8' disc



MF Massey Ferguson

20% PRICE ROLLBACK IN NOVEMBER ON NEW & USED EQUIPMENT

Also Waiver or 13.9 Percent APR Financing

TRACTORS & EQUIPMENT

IH 154 Cub Low-Boy Tractor w/Mower
IH 340 Farmall Tractor
MF 3165 Tractor w/Loader & Cab
MF 203D Tractor w/Loader
MF 1085 Tractor
MF 205 Diesel Tractor w/Loader
MF 40 Dsl Tractor and Loader
MF 35 Tractor
Ford 641 Tractor w/Loader & Bucket
Farmall Super H Tractor
JD MT Tractor
Ford 8N Tractor w/loader
NH 892 Fg Harvester
Fox 1000 Forage Harvester
NH 451 Mowers
(3) NH 36 Crop Chopper
NH 270 Baler w/thrower
NH 269 Baler w/thrower
NH 1010 Bale Wagon
MH 35 Combine
MF 750 Combine, 14' Grain Table & 44 Corn Head
Brillion 12' field cultivator
NH 510 Manure Spreader
NI 213 Manure Spreader
AC Blower
AC 516 Plow

NEW M.F. EQUIPMENT

MF 275 Tractor
MF 245 Tractor
MF 265 Tractor
MF 230 Diesel Tractor
MF 220 Tractor
MF 210 Dsl Tractor
(2) MF 205 Diesel Tractor
MF 50C w/Loader
MF 50C w/Loader
MF 50C w/Loader
MF 40B w/Cab
MF 40B w/Cab
MF 30B w/Cab
MF 30B Tractor Cab
MF 20C Tractor w/Loader
MF 124 Baler
MF 34A Loader
MF 34A Loader
MF 32 A Loader
MF 246 Loader
(2) MF 216 Loader
MF 300A Loader
MF 640 Corn Planter
MF #43 2B Plow
MF 520 Disc Harrow 12'
MF 520 Disc Harrow 14'
(2) MF 320 Disc Harrows
MF 226 Scraper Blade
MF 227 Scraper Blade
MF 218 Rotary Cutter

S.G. LEWIS & SON, INC.

R.D. 2 Box 66 West Grove, PA
215-869-2214

PARTSMART

PARTS VALUE OF THE MONTH

Save up to 38% off regular IH suggested list price
Quality IH batteries for cars, trucks, farm equipment, & tractors!

Want to start something? Well now's the time to get the jump on the season with super special battery values during our High Voltage Sale. We have just the batteries you need for cars, trucks, RVs, and farm machinery. The type and size you want, too: maintenance free, low maintenance, and heavy-duty conventional models. 6 and 12 volts. Top and side terminals. Don't put it off. Come in for savings up to 38% off our regular IH suggested list price... plus... a top dollar trade-in for your old battery! Start up, save up now with the best in batteries.
Big savings on battery chargers and booster cables, too!

20% OFF
ALL TOYS & MODELS IN STOCK

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★ CALL US - WE PROBABLY HAVE IT ★ WILL SHIP SAME DAY VIA UPS-PPSH-BUS-AIR FREIGHT-ETC.

YOU CAN OWN ONE OF THESE

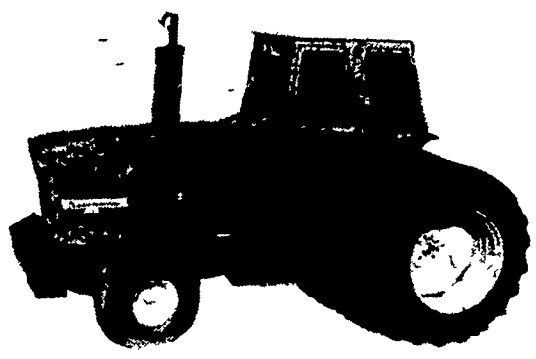
QUALITY USED TRACTORS

BY MAKING A SMALL DOWN PAYMENT NOW...

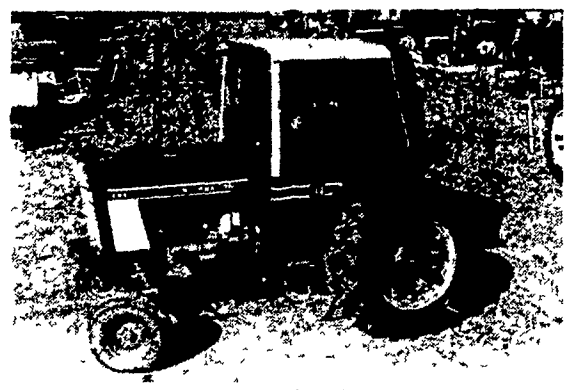
CAN YOU BELIEVE?

NO INTEREST UNTIL 3-1-82

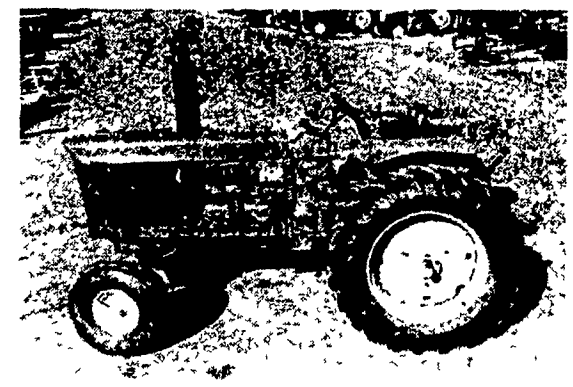
NO PAYMENT UNTIL 4-1-82



Allis-Chalmers 7060D w/Cab & Air, Dual 20.8x38

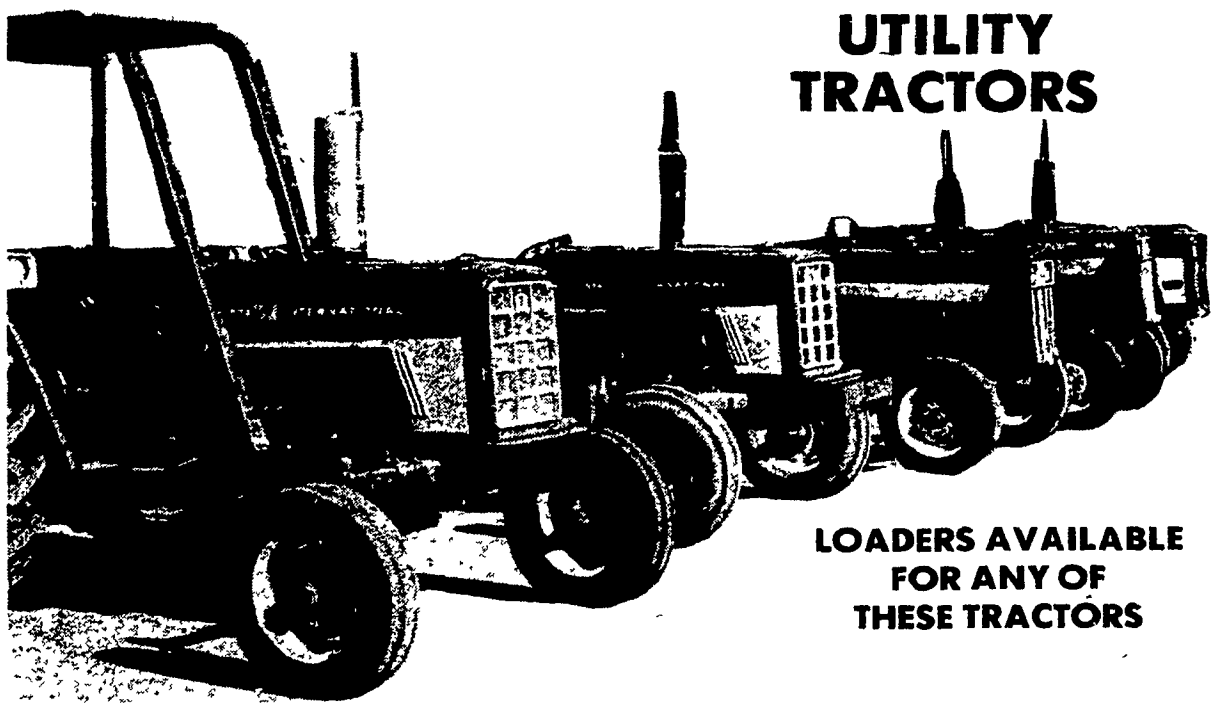


IH - F886D w/cab & air, 18.4x34 tires, excellent, 1000 hours.

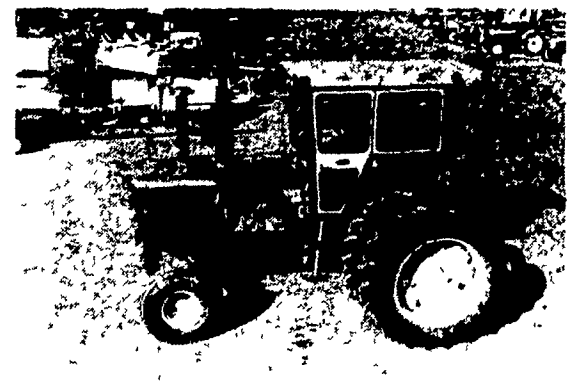


John Deere 4620 Diesel, 20.8x38 Tires

CHOOSE FROM ANY OF 6 EXCELLENT RECONDITIONED UTILITY TRACTORS



LOADERS AVAILABLE FOR ANY OF THESE TRACTORS



John Deere 4620 Diesel, Cab w/air, Dual 20.8x38 Tires

FOR MORE RECONDITIONED TRACTORS SEE LIST BELOW

USED TRACTORS

6432 IH F1586D w/Cab
6561 IH F1566 w/Cab
6594 IH 4366 4WD
6580 IH F1086D w/Cab
6530 IH F1066D w/Cab
6180 IH F886D w/Cab
6452 IH F806D
6854 IH F806G
6879 IH F686D, 986 Hours
6186 IH F656D Hydro
7073 IH 1574 Gas Utility
6998 IH 1574D Utility
6702 IH F544D Hydro
7080 IH F560G
5642 IH 1444 Gas Utility
6999 IH 1444 Diesel Utility
6687 IH Farmall Fl
7059 IH Farmall M
7058 Steiger ST-251 Cougar III, 326 Hours
6510 Ford 4000 Su Diesel Utility
6526 IH 125 C Crawler Loader
7009 Deere 4630 Duals & Cab, 1605 Hours, Powershift
6757 Deere Model A
7025 Deere 4620
7061 Case 430 Diesel
7027 Case 1170 w/Cab
6974 AC 7060 w/Cab, Duals, 1125 Hours

WAIVER of FINANCE

UNTIL 9-1-82

ON ALL NEW & USED COMBINES

★ WAIVER REBATE AVAILABLE ON ALL NEW COMBINES IF YOU DON'T TAKE WAIVER OF FINANCE

RECONDITIONED COMBINES

6817 IH 1460 Axial Flow, 1979, Air, Hsyro, Monitor, Automatic, Header Control, Choice of Headers
6988 IH 1440 Axial Flow, 1979, 891 Hours, Air, Hydro, Monitor, Automatic Header Control, Choice of Header
6898 IH 715 Diesel Hydro, 1979, 300 Hours, Air, Monitor, Straw Chopper, 4 Row Narrow Cornhead
5373 MF 300 w/2 Row Cornhead 13' Platform
6098 NH 975 Gas w/2 Row Cornhead & 13' Platform
7098 1978 New Holland TR-70 780 Hours, Ford Diesel Engine, Gear Transmission, Air, Straw Chopper. 4 Row Narrow Cornhead & 15' Platform
7093 1979 New Holland TR-70 823 Hours, Ford Diesel Engine, Hydrostatic Transmission, Air, Straw Chopper, 4 Row Narrow Cornhead & 15' Platform
5742 1976 IH 915 Hydrostatic, Diesel, 1000 Hours
6978 1975 AC Gleaner FKS Diesel Engine, 438 Cornhead & 13' Platform

USED CORNHEADS

6836 IH 883, 8RN
5966 IH 844, 4RW
7064 IH 863, 6RN
6474 IH 844, 4RW
5817 IH 744, 4RW
9493 IH 744, 4RW
[illegible] IH 744, 4RW
422[illegible] NH 4 Row Wide (Late Model)
364[illegible] AC GKS 44
5887 AC 6 Row Narrow, L

USED GRAIN HEADS

7062 IH 820 Flex 17½'
6803 IH 820 Flex 15'
6899 IH 820 Flex 13'
5799 IH 810 Flex 15'
4639 IH 810 Flex 15'
7000 IH 810 16.5'
5524 IH 810 15'

USED DISK HARROWS

6033 A/C 4500 20' Offset Disk
5001 A/C 16' Disk
4969 Miller 12' Disk, Rebuilt
5393 MF 18' Offset Disk
6651 Deere 210 Disk 12'
6449 Krause 1428 Rock Flex 25'
6021 Krause 1928 Rock Flex 25'
6697 Krause 2242 Rock Flex 12'3"
6072 IH #37 Disk
5828 IH 470 21' Disk
5440 J.D. KB Disc Harrow
5538 Pittsburgh 10' Disk w/cyl
6025 Dunham 12' Packer
6753 Lely 10' Roterra
6720 Sunflower H2 - 14' Disc offset
6798 IH 350 Disc
6660 IH 370 Disc
6533 Oliver 252 Disc
6918 IH 350, 12' Disc
6535 JD 310, 12'

ASK OUR SALESMEN ABOUT IH COMMODITY CASH BONUS ON ALL NEW IH TRACTORS & EQUIPMENT

ALL NEW & USED PRODUCTS BACKED BY **HOOBER PARTS & SERVICE**

RADIO CONTROLLED TRUCKS FOR BETTER SERVICE

C. B. HOOBER & SON INC.

INTERCOURSE, PA (717) 768-8231 AUTHORIZED UPS STATION

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FARM EQUIPMENT

SPERRY NEW HOLLAND

USED EQUIPMENT
NH 770 Harvester w/2 Row Head
Hesston PT10 Haybine
NH 315 Baler w/thrower, (Demo)

USED DISCS
2311 AC
Taylorway 10'

USED TRACTORS
Ford Jubilee
Used Lawn & Garden Tractors w/mowers

NEW EQUIPMENT AT USED PRICES
Many Models
New Holland
Spreaders

NEW EQUIPMENT
Amco Disc
Bale King Hay Wagons
NH Skid Loaders
Hub Tool Elevators formerly N.H.
Gleaner F Combine

NEW HOLLAND MANURE SPREADERS

NEW TRACTORS
AC 7045
AC 5050
AC 7010

BHM FARM EQUIPMENT INC.
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717-867-2211

FARM EQUIPMENT

Hollinger
tractor co.

749 Rothsville Rd. Lititz, Pa. 17543
717-626-1120 or
Lee Dull (Res) 717-949-3451

CRAWLER LOADERS

JD 450B w/Rops	$11,500
(2) Cat 955 12A	$6,500
AC HD 6	$4,500
JD 440 Dsl , sharp,	$5,500
JD 420 Gas, as is, needs work	$2,500
Cat 955K	$19,500
Int. 175B crawler/loader	$8,500

BACKHOES

JCB Tractor Loader Backhoe	ea $6,500
Case 580C Tractor Loader Backhoe	$19,500

TRAILERS

New General 3 axle 9 ton Tag Along	$4850
Patsco 25 ton drop deck, tandem axle	$4,500
Drop Deck, single axle, good	$2000
1978 General 10 ton w/tandem axles, like new	$6,000
Trailmobile 25 ton Lowboy Trailer	

TRUCKS

1972 Ford 10 wheeler dump diesel	9,000
B-61 Mack Dump Truck	
Int 1973 2070A Truck Tractor Diesel	

RUBBER TIRED PAYLOADERS

Hough 30	$6,500

ROLLERS

Rosco, Vibratory	$2,500

MISCELLANEOUS

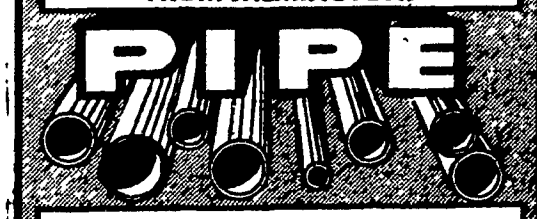
(2) Winch to put on truck tractor	Make Offer
Riding Sweeper	$950
Int 57 Log Skidder	

FARM EQUIPMENT

FARM EQUIPMENT

H. SCHWARTZ & SONS, INC.

NOW SERVING THE STATE OF DELAWARE DIRECTLY FROM WILMINGTON!



NEW, USED and RECONDITIONED PIPE
STANDARD - EXTRA & DOUBLE EXTRA HEAVY - ALL SCHEDULES - ALL TYPES FABRICATION - THREADING CUTTING — WELDING
121 SO. MARKET ST. - WILMINGTON 19801
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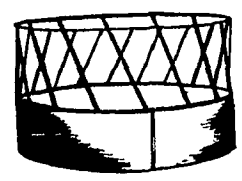
SCRANTON
ROUND BALE FEEDERS
"The Farmers Favorite"



SAVE UP TO 57% Of The Hay You Feed

- Cuts hay waste
- Slant bar design prevents animals from crowding
- Built of 1¼" square tubing, stronger than round tubing.
- Cattle rarely pull hay out
- can be used for feed silage and square bales

SPECIAL FALL PRICES!

RED WING FARMS
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FARM EQUIPMENT

FARM EQUIPMENT

NEW LEADER Lime & Fertilizer Spreaders
HI-WAY Cinder Spreaders - All Types
FRINK & VALK Snow Plows

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Annville, Pa. 17003
Phone 717-867-4631

VAN DALE

- **Van Dale Products**
  - Silo Unloaders 10' - 30' New & Rebuilt
  - Bunk Feeders - Belt, Auger and Shaker
  - Conveyors - Auger & Single Chain
- **T.M.R. Van Dale Mixer-Feeders - 4 Auger**
  - Truck Mounts
  - Trailer Mounts
  - Stationary Units
  - 40 Cows to 400 Cows
- **Liquid Manure Spreaders**
  - 1500 Gal. to 4500 Gal
  - Soil Injectors
- **Liquid Manure Pumps**
  - Agitator-Filler
  - Centrifugal
  - Lagoon
- **Uebler Electric Forage & Grain Carts**
- **Uebler TMR Forage Carts**
- **Red Top Stainless Steel Trough Cattle Waterers**
- **Lancaster Stave Silos - Stave or Metal Chutes**
- **Sollenberger Poured Concrete Silos Top or Bottom Unloading**
- **Double Chain Wood Conveyors w/Slip Clutch & ¾" Bottom**
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- **Nesseth Liquid Manure Equipment**
- **Leasing Available**

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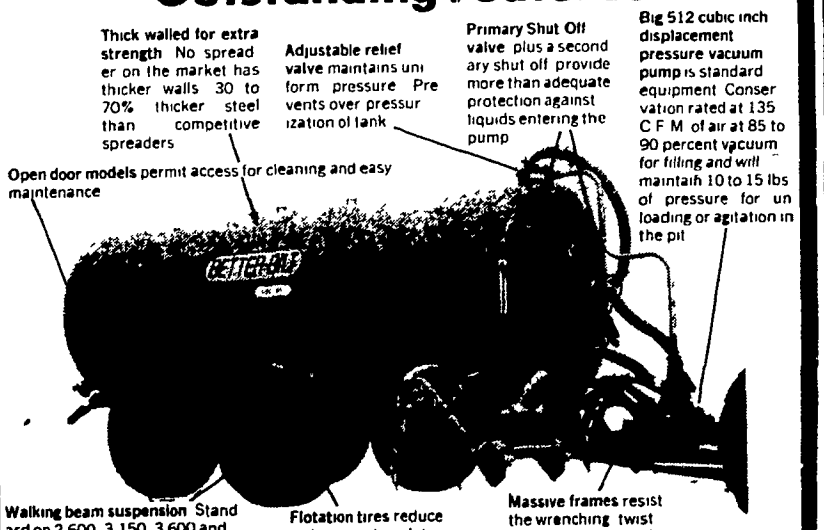
Outstanding Features


Thick walled for extra strength No spreader on the market has thicker walls 30 to 70% thicker steel than competitive spreaders
Adjustable relief valve maintains uniform pressure Prevents over pressurization of tank
Primary Shut Off valve plus a secondary shut off provide more than adequate protection against liquids entering the pump
Big 512 cubic inch displacement pressure vacuum pump is standard equipment Conservation rated at 135 C F M of air at 85 to 90 percent vacuum for filling and will maintain 10 to 15 lbs of pressure for unloading or agitation in the pit
Open door models permit access for cleaning and easy maintenance
GEHL-AMS
Walking beam suspension Standard on 2 600 3 150 3 600 and 4 600 gallon models (Optional on 1 500 & 2 100 gallon models) Front & rear wheels on each beam follow contour of the ground provides a smooth level ride
Flotation tires reduce soil compaction let you spread on soft ground early in season
Massive frames resist the wrenching twisting jolting shocks of hard field usage year after year

USED TRACTORS FOR SALE
1 - JD 4020, good cond. 1 - Ford 4000, good cond.

Sizes - 800 gal. thru 4600 gal.
Both vacuum & augermatic spreaders for truck mount or trailer type

Special - One Only
New 3150 gal. vacuum spreader, trailer type w/powerful 727 C.I.D. pump, 1000 RPM & 6" suction hose and loader port.
List price w/freight $17,348
SPECIAL $12,580

CALL US FOR YOUR NEEDS OF
- Farrowing Crates
- Lagoon Pumps
- High Pressure Pumps

DEPENDABLE MOTOR CO.
East Main St., Honey Brook - Pa. 215-273-3131-273-3737

NEW EQUIPMENT SPECIALS

NH #718 Harvester (1 only)	$6050
NH #425 Loader 60" bucket, (1 only)	$9975
NH 315 PTO Baler, flotation tires, hitch and chute (1 only)	$6595
NH 320 Baler w/70 thrower, hyd. hillside (1 only)	$10,150
NH 880W Pickup Head, will fit 880, 890 & 892 Harvesters, 1 only	$1550
NH 456 Mower, 1 only	$1770
NH 489 Haybine, 1 only	$6675
NH 679 Spreader 11:20 Tires	$5465
NH 355 Grinder-Mixer, Heavy Duty PTO 11L tires, 1 only	$5650
NH 230 Wagon, 8 rims, standard tongue, 1 only	$620
Pittsburgh 10' Spring Harrow, 1 only	$695
Pittsburgh 10'6" Disk, ¼" blades, 1 only	$2600
Pittsburgh 12' Field Cultivator, 1 only	$1295
Oswalt Ensilmixer, 1830 trailer w/scales	$9500
Oswalt Ensilmixer, 1830 Stationary w/scales	$9390
U.F.T. 72" Flail Shredder	$2160

We are also renting a NH# 303 3200 Gallon Tank Spreader.

NH 1895 Self-Propelled HARVESTER, 4 Wheel Drive, Cab, Air, Heater, 3R Head & Pickup Head, 250 H.P. Cat Engine & Meter Detector
$6300. Cash Rebate In Effect.
Call For Special Price.

FREE FINANCE ON
- NH Hay Equipment Till June 1, 1982
- NH Harvesting Equipment w/Hay Head Till Aug. 1, 1982

SPERRY NEW HOLLAND

JAMESWAY OSWALT ENSILMIXER DUNHAM
Leasing Available

USED EQUIPMENT

NH 477 Haybine
NH 479 Haybine
(2) NH 512 Spreaders
NH 518 Spreader, top beater
NH 717 Harvester, 1R Corn Head
NH 707 Harvester w/1R Corn Head
NH 450 Mower
NH 234 Wagon
Bush Hog 12' Offset Disc, 26" blades, excellent condition
JD #210 12' Disc, excellent condition
Jamesway V11 Silo Unloader

DEPENDABLE IS MORE THAN OUR NAME

PLAN NOW TO ATTEND

OUR FOURTH ANNUAL YEAR END PUBLIC AUCTION

SATURDAY, DECEMBER 5, 1981

9:00 A.M.

Auction Conducted By
John E and Paul E Martin, Auctioneers
717-733-3511 - 717-733-3305 Ephrata, Pa

SEE PAGE D33 FOR COMPLETE DETAILS

Farm Equipment, Hardware, Hand & Power Tools, Chain Saws, Lawn & Garden Equipment, Welders, Air Compressors, Snowmobiles, Grain Trucks, Building Material, Poultry & Hog Equip., And Many Miscellaneous Items.

USED LAWN & GARDEN EQUIPMENT

TRACTORS

Elec-Trak Garden Tractor E12M, 12 H P , w/42" Under Mount Rotary Mower, 3 Speed Transmission, w/3 Speed Variable Drive $895.00

Bolens Garden Tractor 1050 (192 02) 10 H P , w/42" Rotary Mower, 6 Speed Transmission, Electric Start $995.00

Bolens Garden Tractor 1254 (06) 12 H P , w/42' Rotary Mower, 6 Speed Transmission, Electric Start $1,395.00

Bolens Garden Tractor H18XL (1858), 18 H P , w/48 Rotary Mower, Hydrostatic Drive, Electric Start, Hydraulic Lift $3,195.00

CHAIN SAWS

Homelite XL, 1 6 cubic inch w/10" Bar $60.00

Homelite Super 2, 1 9 cubic inch w/14" Bar $125.00

Remington Mighty Mite 500 2 3 cubic inch w/16 Bar $140.00

Sears 3 7 Cubic inch # w/17' Bar $175.00

GENERATORS

Homelite 176A 35, 8 HP 3500 Watt, 120/240 Volt, 29 2/14 6 AMP, Automatic Idler, 5 120 Volt Receipital 1-240 Volt Receipital $695.00

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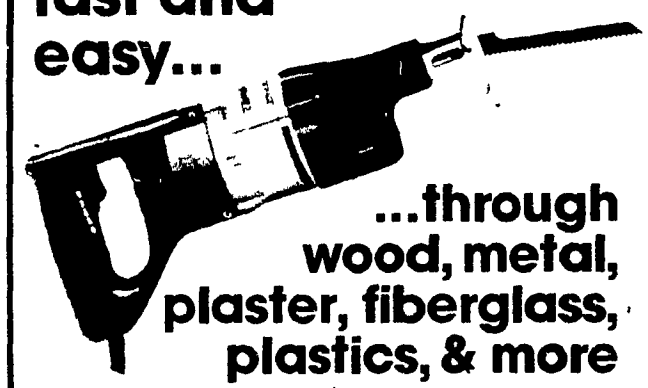
PUSH-PULL JACK
MODEL 1400
8000 lbs. CAPACITY

A versatile Tool (with the flick of a lever) That will lift, push, or pull 4 Tons. Safety designed pins that bend when jack is overloaded are used instead of shear type pins that break off and drop load. Made of malleable iron castings, not stampings used by others. Great for cable, wire and belt tension jack, farm use, pole maintenance jack, construction and maintenance.

List Price $61.05
OUR PRICE $49.95

heavy-duty SAWZALL® hacksaw cuts fast and easy...



...through wood, metal, plaster, fiberglass, plastics, & more

- 3 Sawzall models including new double-insulated or grounded units Two speed and variable-speed models up to 2400 strokes per minute
- Full ¾" stroke
- Blades available for all materials

Milwaukee Amstar

CRC Chemicals

5-56
PENETRATES and LUBRICATES, CLEANS, FIGHTS RUST and DRIVES OUR MOISTURE

- Penetrates deep through rust and corrosion — no more struggling with rusted nuts and bolts.
- Lubricates with long-lasting uniform film
- Drives moisture out of wet ignition systems to help start wet engines

12 oz. can $2.79 ea
$24.00 per case of 12

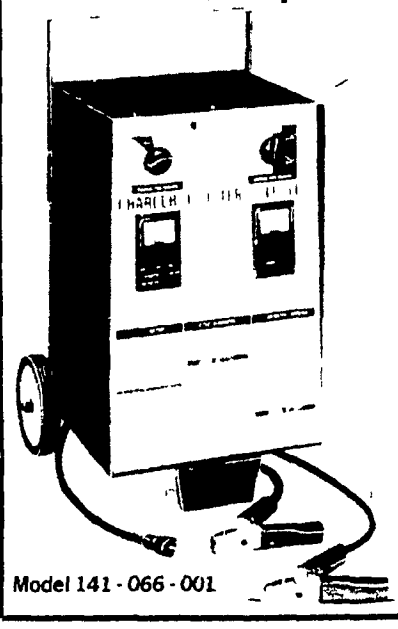
CENTURY

CENTURY CHARGER and TORCH KIT SALE

CENTURY

Prices Good Through November 30, 1981

80/80 AMP CHARGER, 300 AMP BOOSTER, AND BATTERY TESTER



Model 141 - 066 - 001

THEY SAID IT COULDN'T BE DONE!

NOW SAVE $129.55
WAS $329.50
NOW $199.95

NEW FOUR PRODUCTS IN ONE!

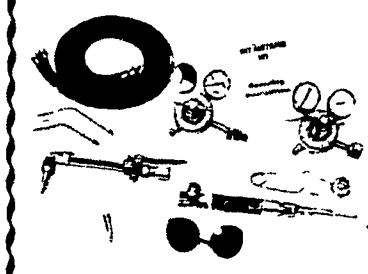
- Electronic Hydrometer and Battery Tester
- Alternator Tester
- Heavy Duty Battery Charger
- Starter Booster

- Plus -

Three-Way Adjustable Handle
Multi-Position Switch And 2 Hour Timer

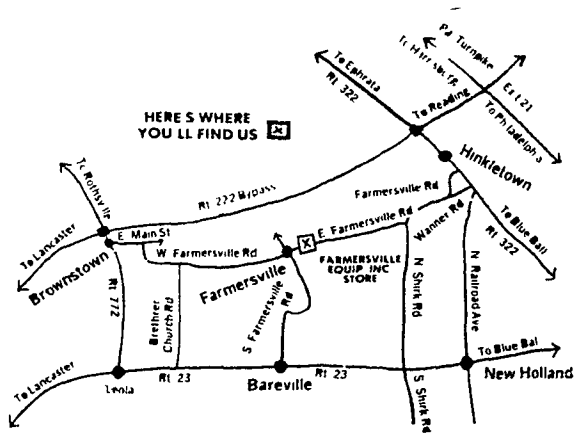
HEAVY DUTY COMBINATION WELDING & CUTTING OUTFIT

NOW SAVE $ 29.55
WAS $249.50
NOW $219.95



113 - 005 - 000
Heavy Duty Outfit

- Cuts to 3" Thick
- Operates on Both L.P. Gas and Acetylene
- Heavy Duty Brass Regulators
- Includes Striker, Goggles, and Simplified Instructions



FARMERSVILLE EQUIPMENT INC.

WHITE - BRILLION - BUSH HOG - FOX - VICON - KUBOTA - BOLENS - HOMELITE - ECHO - HARSH - OMAHA STANDARD

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Located in the Village of Farmersville, Lancaster County
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Hours Mon , Tues , Wed & Fri 7 30 A.M to 5 30 P M
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VISA

WE SMASHED PRICES

PICK THE TRACTOR OF YOUR CHOICE, WE ARE TRADING CONTINUOUSLY

SPECIAL SALE!

ALL USED TRACTORS

Come and Make Your Deal!

★ NOTE: SPECIAL FINANCING TERMS AVAILABLE NOW!
★ Waiver of Interest until June 1, 1982 on used Ag Tractors Sold During Our Special Sale.
★ Timing of This Offer is November 1, 1981 till Nov. 30, 1981, So Act Now & Get the Tractor of Your Choice.

Good Used 530 Gas Backhoe and Loader **TRACTOR** with mechanical foreward and reverse shuttle. Good tires, 24" trenching bucket, ideal for farm work, etc.

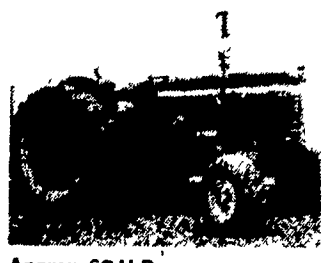
1 Only **$5900**

Additional Discount for Buying As Is and You Haul away

Case 1175 Diesel Tractor, cab, air, heater, 18.4x38 radial tires, 1875 hrs., 127 hp. 540-1000 PTO

$15,800

M.F. Model 85 Diesel



- Approx 62 H.P.
- 3600 Hrs.
- Good Running Condition
- With Sauder D2 Loader manual dump with Ford and large material scoop

1 Only **$3980.00**

Allis Chalmers Model 7050 Diesel

Cab, Air, Heater, late 1974 Model Approx. 156 HP, 20.8x38 Power Adjust Rear Tires and Rims, Approx 45% tread 11 00x16 front tires, good condition Approx 2400 hrs shown on meter, Good Paint, front frame with 7 weights, Dual Hydraulic remotes, 1000 PPM PTO, Power Director Transmission We serviced engine oil and filters when traded Note National Farm & Power Book Value on this tractor is $18,653 with Cab, Air, Heater Come and Buy as is and make your own kind of a Deal Now at a Price you like!

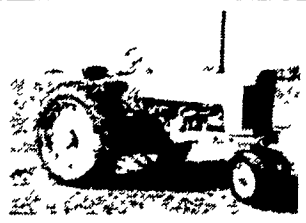
Almost New

IH 2+2 Model 3588

4 wheel drive, 1979 model with only approx 435 Hrs , PTO, 3 remotes, 18 4x38 Radial tires show road wear Note! New List Price Approx. $56,000

Our Price! (Is A Bargain)

Stop by and see for yourself



John Deere 630 Case

Tricycle type with Power Steering 3 Pt Hitch, 13.6x38 rear tires Approx 50% tread.

$2,950

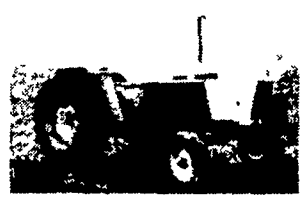
Mechanic's Special Case 995 Diesel Tractor

Rated at 58 HP. 1976 Model, needs minor repair plus some 3 pt hookup linkage, approx 1,300 Hrs original, Buy as is

$6,580

Case David Brown 1200 Series

65 HP Rated Diesel engine, 1967 Model, 18 4x30 rear tires on power adjust rims, approx. 3431 hrs , still going strong, trade in on this unit or buy as is and let us see what we can do for you! Serial #702764



Case David Brown Model 1212

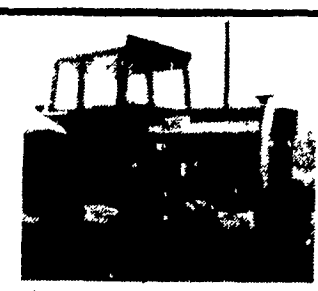
4 speed on the Go Power plus 3 ranges (Unbelievable Power Shift), Turbo Charged Diesel engine with approx 75 HP, approx 1145 Hrs , Engine compietely majored, Power adjust rear wheels with 18 4x30 tires Tractor in fair to average condition Regular price $6,500 Come and buy as is and save a bundle

M. Moline Jet Star 3

Approx. 45-50 HP with Ampli. Torque TA 2 speed automatic shifter, tires about 20% tread, with Hydraulic loader, wide front power steering, runs nice. Regular Price $2,885. Special Sale Price

$2,226

with loader included

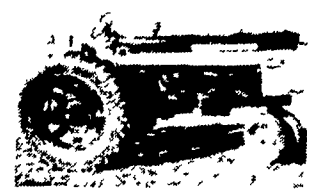


Massey Ferguson Model 1135 Diesel Turbo

300-400 Hrs , since complete overhaul by M F Dealer including New Clutch 18 4x38 rear tires approx 50% tread Cab with fans, weight frame with front weights, 1973 model. Rated at 120 HP Good Condition, Field Ready

$14,800

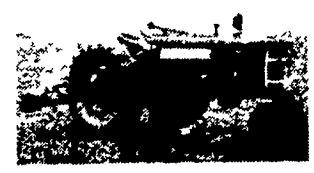
Come and negotiate



Farmall Model 460 Gas

with good TA Shift, fast hitch 2 Pt , New Clutch, Brakes, 1 set of Hydraulic remotes, good seat, 15 5x38 rear tires, 70% tread. In good running order. Priced at

$2,500



Farmall 350 Tricycle Gas Tractor

Good TA shift, fast hitch with Pitmanless mower Belt driven type, runs nice.

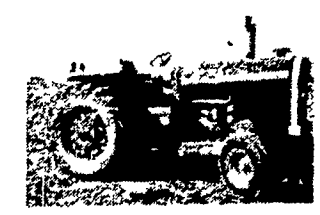
$1,850

Like New! Only $80 Original Hrs

Case 43 HP Model 885

Fuel efficient Diesel Engine with 540-1000 PTO Shifter, 13 6x28 rear tires, front weights, 3 Pt Hookup, New Price $12,800 Our Special Sale Price on This Unit is Only

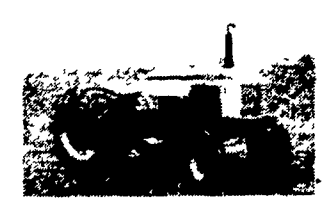
$7,850



Massey Ferguson Model 1135 Diesel Tractor

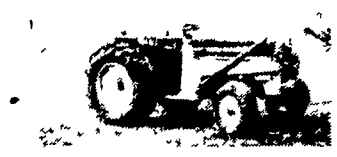
1973 Model, 18.4x38 Deep Lug Firestone Rear tires, 11:00x16 front tires, Nice Condition Dyno. check at 140 HP. A good clean tractor.

$12,300



Case 530 Gas Draft-O-Matic

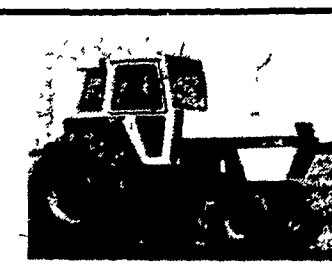
3 Pt Hitch, Power Steering, 4 Speed Transmission with 3 speed Triple Range, foot clutch and hand clutch for independent PTO, hand throttle and foot throttle, good rear tires, like new 7 5Lx15 front tires Ready for work Best offer Buys this Tractor Don't Wait!



IH Model 574 Utility Tractor

1974 Model, 16 9x28 Rear tires about 60% tread, 540-1000 PTO, 2460 Hrs approx , in average condition with Heavy Duty Fontanna Loader with single lever controls, large Material Bucket Loader Season is Coming, Come and Deal! Asking Price

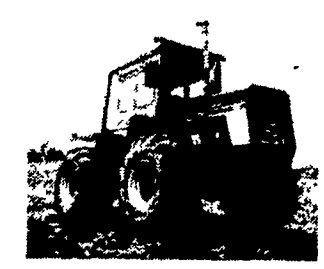
$7,480



Just Traded

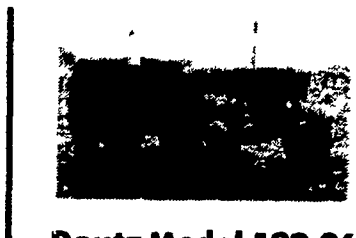
Case Model 2290 Diesel

130 HP class 1979 model, only approx 760 Hrs , cab, air, heater, syncro standard shift trans , 18 4x 38 rear tires, dual remotes Save By Buying This Unit



IH Model 4186 Diesel

4 wheel drive tractor, approx 170 180 HP 1977 Model by Serial # New Clutch a month before we traded dual hydraulic remote out lets front weights PTO just rebuilt 28 1x26 tires rated from 40% to 50% tread wear A Bargain Price You Will Like



Deutz Model 100-06 Diesel

1972 Model, approx. 3713 Hrs., runs nice, 18.4x38 Goodyear Power Torque tires about 90% tread, single hydraulic remotes, 12 speed trans., 540 PTO with Shifter for 1000 PTO. Ready for work at

$8,950

Buy Late Model Used and Save Money

Case Model 2090 Diesel Tractor

Cab, Air, Heater, On The Go Power Shift Transmission, 20 8x38 rear tires, Dyno checked at Approx. 120 HP, front end weights, 504 cu. in Diesel engine Ready for Work

$22,900

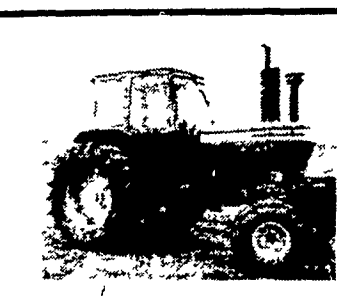
Good Running Rental Return Unit

Case 1370 Diesel Tractor

Canopy, (Inclosure kits available) Rated at 153 HP but turns a lot more power, on the Go Power Shift Transmission, 20 8x38 Rear tires

$17,800

Present your offer or trade in Now!



Do You Like Ford Blue? Here is one for you

Ford Model 9700 Diesel

Cab air heater, 1977 model by Serial no , approx 2500 Hrs in excellent condition 540 1000 PTO Rated at 135 HP Transmission 4 speed hi lo and dual power, total 16 speeds 18 4x38 rear tires approx 50% 60% 450 lb weight on each rear wheel 11 00x16 front tires Front weights

case IH

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IF YOU ARE TRULY INTERESTED IN 4 WD POWER, COME TO BINKLEY & HURST BROS. INC. NOW AND SAVE MONEY ON THIS NEW DEMONSTRATOR

NEW DEMO IN STOCK
CASE 4690 4 WHEEL DRIVE

261 HP, loaded with all the extras. Serial #08858467. 1 Only. Call for your attractive Deal! Big Trade-In Allowances Now Means a Deal You Can Hardly Believe.

2 Wheel Versatility, Only Case offers this on their 4 Wheel Drive Tractor. Check with us, we'll show you why.

ATTENTION FARMERS!

We Are Now Taking Orders For

GOOD QUALITY BALER TWINE - CLOVER BRAND, No. 1 Quality

Pickup sometime in late Dec., Jan. or Feb., we will notify you

CLOVER SISAL

9,000 ft., 10,000 ft. **$19.95** ea. 10 or More Bales: **$19.50** ea.

CONVENTIONAL HEAVY DUTY PLASTIC

9,000 ft. with stronger Knot Strength Than Sisal **$16.30** 10 or More Bales: ea. **15.85** ea.

BIG ROUND BALER TWINE

Yellow Jacket 20,000 ft. per box **$23.00** ea. 10 or more: **$22.55** ea.

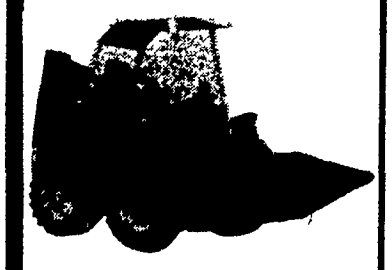
★ NOTE: If order is paid by Dec. 24, 1981, you will receive additional 2% Cash Discount.

★ PRICE PROTECTION if general market prices decline.

GOOD USED EQUIPMENT SPECIALS

Check Each Item, Then Stop By or Call Binkley & Hurst Bros.

Rake Your Corn Fodder With A New 3 pt. Hitch
4 WHEEL RAKE
$535.00



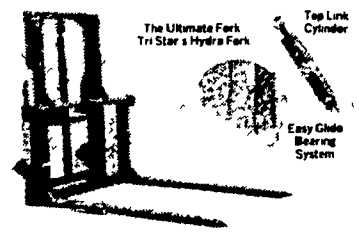
NEW GEHL MODEL 4500 HYDROSTATIC SKID LOADER

With Ford 4 cylinder gas engine, self leveling loader, 10 00x16 5 tires, 40 H P , 65" wide bucket, T bar control, 1 only

More For Your Money Than Ever Before!

- ★ Gehl 120 Mix All, hy drive w/ digital scale
- ★ New Idea 213 PTO Manure Spreader w/end gate
- ★ IH 2-16 bottom rollover Spring Trip Plow
- ★ J.D Ground Drive Pull Type Hay Rake
- ★ New Holland Hay Pick Up Model 707
- ★ JD KBA 9 ft Disc Harrow
- ★ MFS 8x60 PTO Grain Auger
- ★ JD 2 Row Corn Planter w/insecticide hopper
- ★ MF 13½ ft Transport Disc, Medium Duty
- ★ IH Model 311 3-16 Spring Trip Plow
- ★ Sauder Front Mt Snow Blade, 7 ft
- ★ JD Model 350 6x15 Hy Reset Plow
- ★ Hesston PT 10 Haybine
- ★ NH 68 Baler w/Thrower
- ★ IH Model 990 Mower Conditioner
- ★ Brillion 10' Transport Harrow
- ★ AC 4-16 Mono-Frame Plow
- ★ IH 9 Tooth Chisel Plow
- ★ Ford 2 row Corn Planter
- ★ Ford Pull Type 14 ft Field Cultivator with extension to make 16 foot, built by Glencoe
- ★ Dunham 10 ft Cultimulcher
- ★ IH 12 ton Wagon Gear w/12 5x15 8 ply tires
- ★ Sauder Loader Model D2 with fork & material bucket

Tri Star Round Bale Stacker



Adjustable Tine Width Makes It Ideal For Moving Anything

MODEL HF-70:
- Lifting Height 5'6" to 6'
- Adjustable tine width 5" to 44"

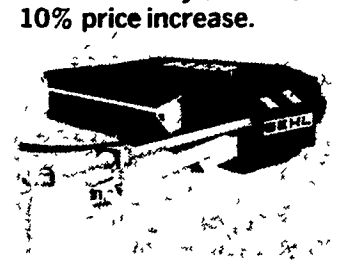
$956

IH 990 9 FT. HAYBINE

Only used approx. 175 acres, 1 rubber roll, 1 steel roll, equipped with electric windrow placer.
Original Price was: $3,050
NOW **$2980**
So Buy Now!

SAVE MONEY NOW on a NEW HAYBINE

For Next Spring!
- Save by locking in old price with a no interest plan till May 1, 1982.
- This is one way to beat the 10% price increase.



MODEL 1070, 7 FT.

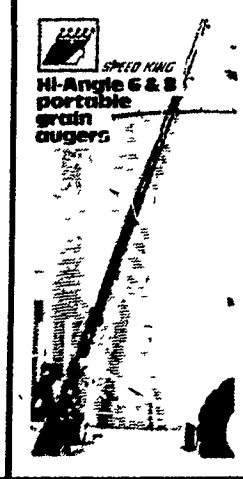
With Heavy Duty Knife Guards. Full float machine with inexpensive knife guards. You'll like it.
$4700 Trade Up Now!

BEHLEN CORN CRIBS

MODEL FL 10
Approx. 611 Bushel
1 Only
$650.00

9 Ton, 3 Axle
TAG-A-LONG TRAILER

Electric Brakes, length of flat part: 15'6", plus length at beavertail at 4 feet, fold up ramps, pin tie type hitch.
1 Only at **$2,250**

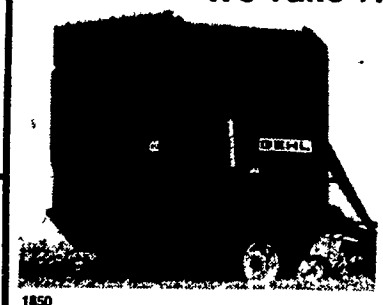


THEY ARE GOING FAST: GET YOURS NOW!

Sizes In Stock:
6"x34' long
6"x53' long
8"x27' long
8"x34' long
8"x46' long
8"x65' long
10"x41' long

Bale Corn Fodder Now!
GEHL 1850 & 1450 ROUND BALERS

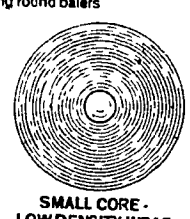
- In Stock, Ready to Go
- Buy Now, Pay May 1, 1982
- We Take Trade-Ins



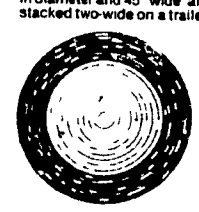
1850
For making large round bales in the 2000 lb. plus category the 1850 is your baler It makes bales that are a full 6 feet in diameter and 61 inches wide It s truly the heavyweight among round balers

1450
The 1450 is the perfect partner for custom operators making bales in the 1000-pound range that are 5 feet in diameter and 45" wide allowing bales to be stacked two-wide on a trailer

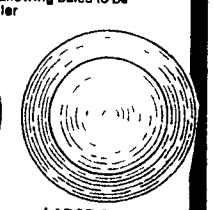
SMALL CORE HIGH DENSITY WRAP



SMALL CORE - LOW DENSITY WRAP



LARGE CORE - HIGH DENSITY WRAP



LARGE CORE - LOW DENSITY WRAP

"air-draulics" The Simple System

Air pressure controls the formation of the bale core The actual size of the bale core is determined by the placement of an easily adjustable hydraulic triggering mechanism Once this trigger is activated hydraulic press re takes over to control bale wrap The hydraulic pressure maintains constant belt tension on the bale Lower the pressure for less densely wrapped bales increase it to get densely wrapped bales

Either way you ll get uniformly shaped bales that will stand up to weather retain valuable nutrients

Owattonna Compact Diesel Power Skid Steer Loader

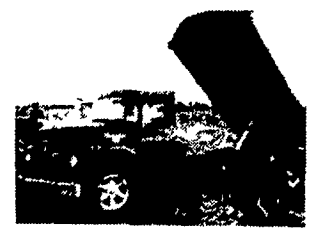
Model 310, 600 lb lift capacity, approx 42" wide bucket and manure fork, 23x8.50-12 flotation tires, manufactured between 1978-1980

$3,950

GLENCO SOIL FINISHER

SAVE FUEL, TIME & CHEMICALS
- One-pass seedbed preparation
- Now more than ever this new proven machine makes sense
- Model # SF129, set-up, ready to go

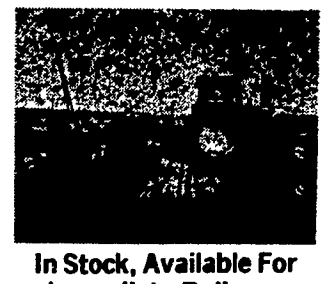
1 ONLY - SPECIAL
$6480.00



IH Model 1600 Loadstar

With 345 V8 engine, runs good, 5 speed trans & 2 speed rear axle, 8.25x20 tires, 16 ft. flatbed, diamond plate steel over lay floor, twin cylinder telescopic hoist dump
Only **$4,850**

New Donahue Implement Carrier Farm Trailer



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8' wide by 28' long. Haul your wide machinery and round bales etc.
1 ONLY **$2,597**
Less 10% For Buying Now!

USED SKID STEER LOADERS IN STOCK

Perkins Diesel Power Engine
Like New
Owattonna 1700 Skid Steer Loader with auxiliary hydraulic remotes Ready for work, 45 HP
ONLY **$6,800.00**

Hydra Mac Model 18
47 H P Industrial Ford Engines, Hydrostatic Drive
ONLY **$6,900.00**

Case 1816 B
1979 Model, Serial No 9846416
$4,250.00

Mustang 1200A
30 H P , Good Cond

BER-VAC SNOW BLOWERS

Built In The Snow Country Models In Stock, Ready To Go

Save Now By Buying Early. Leftover at old Prices, 3 pt. Hookup.

Model	Horsepower Range	Cutting Width	Cutting Height	Price
S-60	12-30	60"	23"	$1009
S-665	40-70	81"	34"	$1515
S-85	40-65	85"	27"	$1368
S-706	45-70	87"	34"	$1617

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Complete TA assemblies for 706 1586 are priced at $550 and come with a Dana Co Heavy Duty Sprag instead of the usual IH sprag **The Dana sprag is guaranteed for 2 yrs. against failure** Sprag kits (includes sprag gear, Dana sprag & piston carrier) and all items for rebuilding your own TA assembly are available to qualified persons Ramps and carriers for older style TA's (as in SMTA 340 560) are priced at $150 each and carry a 90 day guarantee We have parts needed for TA repair in stock at prices which will save you money Shop is available for complete TA installation or split the tractor yourself and send the center housing to us **Complete rebuilt center housings available on exchange basis or for installation in tractors which did not have TA from factory**

Selling parts from the following
Please have part no when calling if possible

Quality Reconditioned Engine Parts

We have blocks cranks and heads in stock from tractors we have salvaged which have been reconditioned by the most precision oriented machine shop in the county We do not sell weld repaired parts If you want new quality parts at a used parts price, we can help you Parts are sold w/a 90 day replacement warranty

Tractors IH 1066 806, 706G 616D 450D 460 340, 300, M SM W 6 & A JD 520 2020D 60 A B Oliver 1555 G wfront year round cab
Combines - IH 203 JD 30 & 55 MF 35 Uni 701, 702 & 705 tractors also 710 combines & 727 & 737 huskers MF 510 G Quick Tach
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Parts shipped direct thru UPS & Parcel Post at No Extra Charge To Retail Customers

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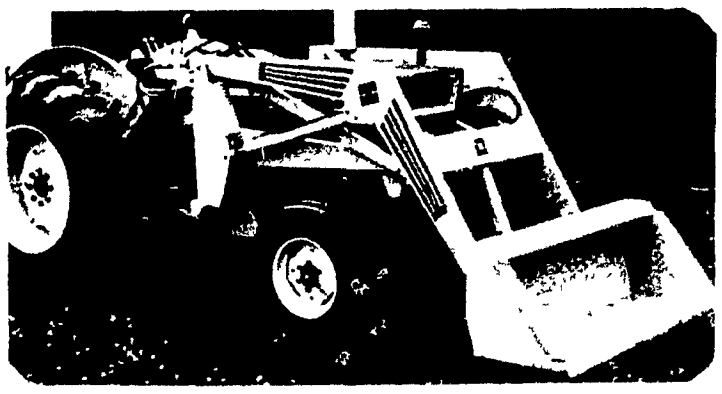

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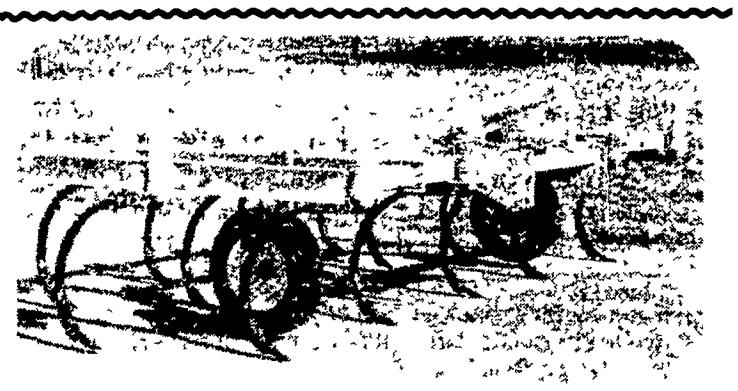
2 & 22 LOADER

- Two rugged loaders fit 90% of all tractors made in the last 20 years.
- Pickup this loader and mount on your tractor and save.

FROM THE ORIGINATOR OF THE QUICK-ON, QUICK OFF LOADER.



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8 SHANK 3 PT. HEAVY DUTY Only $1716

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NH 425 Rental

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NH 478, Excellent
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NH 268 w/thrower
NH 269 w/motor
NH 273 w/thrower
NH 275 w/thrower
AC 303

MISCELLANEOUS
NH 1000 Bale Wagon
NH 1012 Bale Wagon
NH 1010 Stack Line Wagon
Howard Rotovator
MC 9E Rotary Scythe
JD 750 Grinder- Mixer
Farmhand F85B Grinder- Mixer
Vicon Disc Mower
NI Rake
NH 36 Crop Chopper
(2) NH 258 Rakes
JD Elevator
NH 155 Elevator

CORN PLANTERS
AC 600 4R w/dry fert.
AC 600 4R w/liquid fert.
AC 6R no-till
JD 1400
IHC Cyclo
White 6 Row No till

SPREADERS
NH 362 Tank
NH 365 Tank
NH 368 Tank

COMBINES
AC All w/2R & 3R w/10' Platform
NH 995 w/15' Platform
JD 105 w/444 Corn Head & Grain Head

See The New Number 1's...
IH 5088 & 5288 TRACTORS ON DISPLAY AT OUR DEALERSHIP!
Special Rebate Available Til Nov. 30th!

ANNOUNCING WAIVER OF FINANCE!

★ **WAIVER OF FINANCE TO 3/1/82 ON THESE TRACTORS IN STOCK!**
- 1086 Rental • 3788, 3688 & 5288 Diesels
- (2) 584's At Old Price!

BIG, BIG SAVINGS AVAILABLE TO CASH BUYERS - Call Us For Details!

HARVESTING EQUIPMENT
Waiver of finance till May 1, 1982
SP Windrowers
Mower Conditioners
Square Balers
Round Balers
Rakes
Ag Mowers
Forage Harvesters

MORE WAIVER OF FINANCE...
- To 9/1/82 on New & Used Combines Plus $7,000 Preferred Customer Rebate on Model 1420 Combine
- To 5/1/82 on Planting, Seeding & Cultivating Equipment
- To 3/1/82 on Soil Preparation Equip.
- To 5/1/82 on Hay Equipment
- To 9/1/82 on Forage Equipment
- To 3/1/82 on Materials Handling

★ Warranty Period starts on Waiver Date!

TILLAGE:
735 Vari Width Plow, 5 Bottom
730 Vari Width Plow, 5 Bottom
145 3 & 4 Bottom 18" Rollover, Auto Reset
496 Disc Harrow, 19'1", 9" Spacing (New Model)
501 Disc Harrow, 12'5" - Old Price!
315 Packer Mulcher, 20' Folding, Old Price! (1 left)
415 Packer Mulcher, 13', 12' & 10'
5513 13' 3 Pt. Chisel (1 left)
4500 Field Cult , 12' to 21' Folding
5100 Grain Drill, 16x7 Combination
5100 Grain Drill, 18x7 Plain

ATHENS DISC HARROWS
In Stock - Ready For Delivery
- Model 131 11'6" Flex Disc
- Model 131 12'5"
- Model 90B 15' Rock Flex

SPRAYING EQUIPMENT:
400 Gal Stainless Steel John Blue Trailing Sprayer
300 Gal. Poly Tank John Blue Trailing Sprayer
John Blue 4-Ton Trailing Spreader with Hyd Brakes - $3525!

MISCELLANEOUS:
35 Hyd Rake - Old Price!
2250, 2350 & 2450 Loaders
1250 Grinder Mixer
1350 Grinder Mixer
530, 540, 550, 560 & 575 spreaders

No. 14 5-Shank Auto-Reset
SUB-SOILER
2 In Stock...Waiver to March 1, 1982
- IH No. 10 7-Shank & 5-Shank Models Also In Stock

IH 5000 DIESEL WINDROWER
MUST SELL! • With 12 Ft. Head MAKE AN OFFER!!
• Waiver till May 1, 1982

ERB & HENRY EQUIP., INC.
New Berlinville, PA. 19545

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INTERNATIONAL® AGRICULTURAL EQUIPMENT

We're An "XL" Dealer!

Ph: (215) 367-2169
Hours:
Daily 7-5; Fri. 7-9
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FARM EQUIPMENT | FARM EQUIPMENT | FARM EQUIPMENT | FARM EQUIPMENT

TRIPLE H EQUIPMENT

Peach Bottom, Pa.
717-548-2640 or
717-548-2094

Vicon

NEW VERMEER EQUIP.

Call for Fall Discounts or Spring Terms

- 2-605F Balers, special price
- 4-504F baler, special price
- 1-504G baler, special price
- 1-MC 9 mower-cond., $6250
- 3-F100 bale feeders, $2495
- 1-500 gpm irrigation system, mobile equip., soft hose, ½ price - $7400

NEW HAYBUSTER EQUIP.

Avail. for Demonstration, Leasing, Rental and For Sale

- 2 - Haybuster model no. 1068 no till semi-mtd. grain drills
- 1-Tye 3 pt. no till drill
- 1-Bale Buster for mulching lg. round bales

MISC. NEW EQUIP.

- 4 - Kelly log splitters 2-3 pt. 2-engine drive
- 2 - 600 lb. fert. spreades, $320
- 1-1450 lb fert spreader. $780

LAHMAN SKID STEER LOADERS

- 1-30 hp, 2 buckets, $8000
- 1-23 hp, 2 buckets, $6200

NEW SHIPMENT VICON EQ.

20% off 1981 prices

- 1-PTO tedder-rake
- 3-5 wheel 3 pt. hitch rakes
- 1-6 wheel trailer rake
- 2-8 wheel -V- rakes
- 2-2400 lb. fert. spreaders
- 2-1900 lb. fert. spreader
- 2-950 lb. fert. spreader
- 1-600 lb. fert. spreader
- 1-8' 3 pt. hitch disc mower

USED & DEMO EQUIP.

- 1-Vicon 15' power harrow, demo
- 2-Vicon 8' mower-conditioners, used
- 1-Vicon 8' mower-conditioner, demo
- 2-Lely tedder rakes, used
- 1-Badger manure souper, 10', demo
- 2-used NH balers
- 1-SP Hesston windrower
- 1-605C Vermeer Baler
- 1-605D Vermeer Baler
- 1-605E Vermeer Baler
- 1-605F Vermeer Baler
- 2-504F Vermeer Baler
- 1-504G Vermeer Baler Demo

LEBANON VALLEY IMPLEMENT CO. INC.

MF Massey Ferguson

MF Massey Ferguson

Massey Ferguson Sales and Service
700 E. Linden Street, Richland, Pa. 17087 PH: 717-866-7518

20% PRICE ROLLBACK IN NOVEMBER

Plus Waiver or 13.9% APR Financing

Waiver dates	
Tractors, implements, industrial machines	March 1, 1982
Hay tools	May 1, 1982
Grain combines	August 1, 1982
Corn combines	September 1, 1982

CHECK THESE SPECIAL SAVINGS!

NEW FARM TRACTORS

★ MF 2675 Cab with Air, 24 Speed Trans., 100 HP
List $37,784.00
MF Rollback $5,728.34
Discounted Price $32,055.66

★ MF 2705 with Cab and Air, 24 Speed Trans., 120 H.P.

★ MF 265, 12 Speed Multipower, 60 H.P.

★ MF 230, 6 Speed Diesel, 34 H.P.

NEW MF RAKES

★ MF 29 3 Point Fingerwheel Rake
List $1054.88
Discount Price $775.00

★ MF 39 pull type 6 finger wheel rake
List Price $2440.53
Discount price $1750.00

★ MF 37 5 bar pull type rake
List Price $1895.00
Discount Price $1475.00

USED COMBINE

MF 510 diesel w/cab 12 ft. grain head & 4 row wide cornhead

New MF 850 Combine, base unit, ready to go
List Price $74,669.00
MF Rollback $11,225.57
Discounted Price $63,443.43
Less trade or straight sale discount

USED TRACTORS

★ Massey Harris 44 Special, 45 H.P. Gas Engine, runs good, good tires.
Sale Price $975.00

★ MF 275 Diesel, 8 Speed Trans., 1976 model, 1175 hrs.
Sale Price $10,900.00

USED SKID STEER LOADERS

Gehl 2600, 25 HP $5800.00
Owatonna Mustang, 310 ..... $4800.00
Case 1537, 37 HP $3000.00

New MF 1050 Grinder Mixer, 105 bu. tank, 20" hammer mill, governor controlled infeed auger
List Price $7675.00
MF Rollback $1072.65
Discounted Price $6602.35

JOHN DEERE *Nothing runs like a Deere*

USED MACHINERY

TRACTORS:

MF 180D, WFE, New Rubber	$7900
Farmall 460 gas, clean	$3985
Oliver 77	$900
Satoh Beaver 15 hp diesel w/54" mower, 1 yr. old	~~$4200~~ Special! $3800
AC 185 diesel, w/cab, 1400 hrs	$14,500
JD 720 Dsl.	$3900
JD 630, tricycle	$3200
JD 60 w/3 pt. hitch	$1800
Coming in. JD 4000 Dsl. WFE w/cab	$12,500

HAYING:

JD 16A chopper	$1800
NI 290 mower-conditioner	$1800
IH 1190 mower-conditioner	$4200
IH 440 baler w/thrower	$2800

FORAGE:

Fox SPF 2RN 6½ Pickup	$6900
Fox 2RN Snapper Head	$3500
IH 650 w/2XW - Pick Up	$1500
IH 555 w/2XW - Pickup	$1400
JD 38 w/2RN	$1800
JD 3800 Long Tongue for Parts	$1100

COMBINING:

JD 237 MTD Picker	$1400
JD 42 pull type	$1400
JD 40	$2900
Oliver 525 self propelled, w/11' grain & 2 row wide	$6000
JD 444 corn head	$5000
JD 6620 side hill w/15' platform	$56,000
JD 6600 side hill, hydro, 860 hrs.	$34,000
JD 643 Corn Head	$8300

TILLAGE:

Pittsburg 4x16 3 pt plow	$550
MF 4x16 3 pt Plow	$500
JD 310 disc, 12'	$4600
White Off-set disc, 11'	$4600
JD 350 5/16 reset plow w/cushion coulters	$3100
JD 145 5/16 Plow	$1000
JD 950 12' Roller Harrow	$2900

PLANTERS:

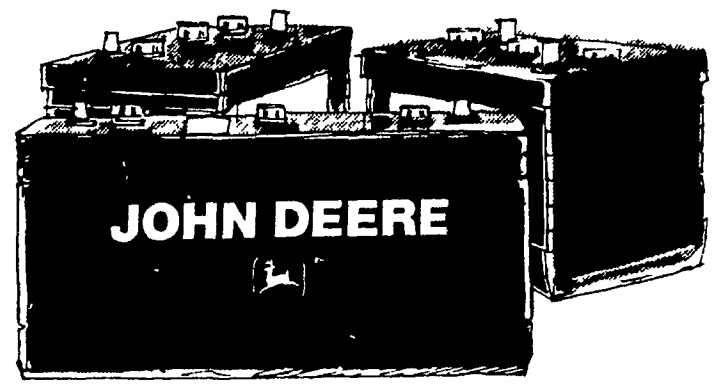
2 Oliver 540 4 row	$600 ea
JD 1250 6 row plateless w/monitor	$1900
IH Cyclo 4 row no-till	$2500
JD 1240 plateless	$1200

MISCELLANEOUS:

JD 680 Manure Spreader, 400 bu, like new	$5900

WINELAND EQUIP. INC.
RD2 Rte 164 East
Martinsburg, PA 16662
Phone 814-793-2109

TRADE UP TO A JOHN DEERE BATTERY



Save 25% on all batteries with trade-in

Bring in your present battery, we'll give you credit on it, and an additional discount of 25% toward a new John Deere battery. It doesn't matter what condition your old battery is in, either. We stock conventional and maintenance-free batteries for farm and industrial machines, cars, trucks, snowmobiles, boats, lawn and garden equipment and more. John Deere batteries feature a one-piece cover that reduces corrosion and short circuiting. It's epoxy-bonded to a hard rubber case for durability, long life and easy maintenance.

Free battery check-ups on any type of machinery while offer lasts No limit to number of batteries that may be traded in for another.

Nothing Runs Like a Deere®

JOHN DEERE

SHOTZBERGER'S EQUIPMENT

Elm, Pa.
Phone: 717-665-2141

FARM EQUIPMENT

FOR SALE

JD 7700 diesel combine, 30" 643 corn head, 16' grain head, Hume reel, straw chopper & spreader. Very good condition. JD 105 gas combine air, 4 row, 435 corn head. 13½' grain head, Hume reel, straw chopper & spreader. Motor overhauled. Very good condition.

215-838-9927

FARM EQUIPMENT

TRACTOR & MOTOR REPAIRS

Over 20 years experience with Ford tractors and equipment.
Shop & Road Service
Pickup and Delivery

WALT STIVELY, JR.
Springville Road
Quarryville, RD3
Phone 717-786-2252

IHC 820 15' Flex Head, Like New

COMBINES

Minn. Moline w/Sheller & 2 Row Corn Head
1974 JD 4400 Dsl., Cab & Air, Choice of Heads
1972 JD 6600 Diesel, Cab, Choice of Platforms
JD 3300 Cab and Air, choice of 10' or 13' Grain Platform
Gleaner F w/Cab, Grain Saver, 13' Grain Table, 4 Row Narrow Corn Head, Very Nice
MF (SOLD) b, 13' Grain Table, Quick Attach.
GOOD SELECTION OF GRAIN PLATFORMS AND CORN HEADS TO FIT MOST COMBINES

TRACTORS

JD 4520 D, Cab, AC, Powershift
JD 4430 D. Cab, Air, Quad Range w/20:38 Tires
JD 4430 4 Post RG, Quad
JD 4320 Dsl. RG Cab
JD 4230 D, Cab, Air & Quad
JD 4230 Dsl.
JD 4000 Dsl. WFE
JD 4020 Dsl. WFE
JD 3020 Dsl. WFE Power Shift
JD 2030 Dsl. RG, 15.5 & 38 Tires
JD 1530 Diesel
JD 300 Dsl. w/Loader 3 Pt
JD 820 Diesel Utility 500 Hrs
IH 1566 Diesel, Black Stripe, Cab & Air
IHC 1466 Dsl. Cab, Air, Dual PTO
IH 1256 D WF
IH 1066 Dsl. Cab & AC
IH 1066 Dsl. WF Very Nice
IH 966 Dsl.
IH 766 Dsl. WFE
IH 856 D., WF, w/Turbo
IH 856 D. WF w/Fast Hitch 38" Rubber, Very Nice
IH 826 Wide Front
IH 806 Dsl., WF
IH 706 D., WF, German Engine
IH 574 w/2050 Loader
AC 200 WFE & Cab
Oliver 2255 Cab & Air Very Nice
Oliver 1850 Gas Cab w/Over & Under

GRINDER-MIXERS

NH 357, Exc. Cond.
NH 355 Fully Equipped New $4850

CORN HEADS

MF 24 & 43
AC F430, G430, C#430
AC KF330
JD 243, 244, 343, 443, 444, 643

CORN PICKERS

Pull Type
JD 300 2 Row 30" or 38" corn heads available
NI 325 NR w/Sheller
NI 324 WR w/12 Roll Husking Unit

PLOWS

IHC 710 4x16 sp. reset
IH 540 4x16
IH 550 5x16
IH 710 5x16 spring reset
IH 710 4x18 spring reset
IH 720 6x16 spring reset
JD 1450 5x18
JD 2500 5x18 sp. reset
JD 350 5x16 hyd. reset
JD F 145 4x14, 4x16 & 5x16
Oliver 5x16 Spri (SOLD)

DISCS

JD 12'-14'-18' BWF Rock Flex Disc
JD 12' AW Disc
JD 12' Roller Harrow
JD 230 Hyd. Fold 22' w/ Leveling Bar
Bush Hog 1438 Heavy Duty 18' Wing Fold

BALERS

JD 346 Wire w/Bale Chute or thrower
NH 276 w/Thr (SOLD)
JD 336 Twine w/Thrower

HEAVY DUTY DISCS

Hutchmaster 12' offset
Rhino 11' Flex

MISCELLANEOUS EQUIPMENT

(2) JD16A Flail Choppers
JD 243 Snapper Head, like new
JD Adaptor Bundle fits 243 corn head to forage harvester
JD B Grain Drill, 16 opener with grass seed
JD 7000 4 Row Corn Planters Conservation & Regular
NH 256 Rake (new) $1475 I(SOLD)
JD FBB Double Disc Grain Drill, fert. & grass seed, very nice
JD 640 Rake with front wheel
MF 235 Loader w/valve control
IH 400 Air Planters Dry & L (SOLD) rt., Insect., Very Nice
JD 58 Loader w/large materials bucket
IH Direct cut for 560-650 Harvester
20' Speed King Wheel Harrow
Cab to fit 06 and 56 IH Tractors.
IHC 18-38 & 18-34 Duals
Hesston Adaptor Bundle to fit Gleaner Corn Head
Little Giant Drag Elevator (new) $425 F.O.B.
Great Bend Loader to fit IH 706 thru 1466

GUNTHER HEUSSMAN INC.
So. 5th St., Emmaus, Pa. 18049 215-965-5203

FARM EQUIPMENT FARM EQUIPMENT FARM EQUIPMENT FARM EQUIPMENT

FORAGE WAGON WOOD PARTS

Wood Mill Corp. supplies wood repair parts for all makes of forage wagons. We have successfully completed many partial or complete wood parts repairs this year for dealers and farmers who own:

New Holland, Kasten, Arts Way, Rex, Gehl, Lamco, IH, Deere, Dion, Badger

You can buy completely made up and painted sides, floors and tail pieces or whole sets as needed. Install yourself or have us do it. All parts meet or exceed factory specifications. All work is done by experienced forage wagon builders who regularly supply equipment to New Holland, IH, Gehl, Arts Way, Kasten. Call or bring your forage wagons in for an estimate.

WOOD MILL CORP.
RD 1 Farmersville Rd, New Holland, PA 17557
717-354-4919

Used Combines & Cornheads

AC KKS Gleaner w/10' header & 330 cornhead
AC FKS-2 Gleaner Combine, Diesel, 13' Grain Head, Hydrostatic Drive
NI 702 Tr. w/717 combine w/713 S-13' header
IH 315 Combine w/13' grain head & 2 row cornhead
AC C Gleaner w/440 cornhead
(1) MH 82 SP Combine 13' header
2 - MF QT 24 2 row cornhead
NI 728 4-Row Narrow Cornhead

Used Manure Spreaders

NI 244 Manure Spreader w/hyd. end gate (1 yr. old)
NI 224 Manure Spreader (350 bu.)
NH 676 Manure Spreader (275 bu.)
NI 214 Manure Spreader w/3 beater & hyd. end gate
NI 214 Manure Spreader w/single beater & hyd. end gate
NI 214 Manure Spreader w/flail beater
207 Hawkbilt Tank Spreader

Used Tractors

AC 7000 w/cab & Air
AC 5050 w/220 hrs.
AC D15 Tractor
IH 450 Tractor

New Corn Pickers

325/327 2-Row Narrow
324/327 2-Row Wide
323 Single Row

Used Corn Pickers

1 - 324/327 2 row wide picker
1 - 323 Single Row Picker - SOLD
1 - 729 Uni Sheller
1 - Uni Husker w/702 tractor, 727 husker & 723 2 row head
1 - 726 Uni Husker

Misc. Used Equipment

Hesston 310 self propelled haybine
NI 279 Cutditioner
JD 38 Harvester w/2 row wide & pickup
JD FB17 Grain Drill single disk
Brillion 14' transport harrow
NH Super 717 Harvester w/2 row cornhead
767 Uni-Forage Harvester
Int. 2000 Front End Loader w/fork

New Tractors

In Stock - Priced To Sell!
AC 5030 w/turf tires, 26 h.p.
AC 5050 51 h.p.
AC 6060 63 h.p.
AC 7010 w/cab & air & power shift
AC 7010 w/no cab & 18.4-38 tires
AC 7060 w/cab & air & power shift

NI 1500 Gal. Vacuum Tank Spreader **$5,595.00**	AC 2500 15' Fold Disc Harrow **$6,395**
FFP 9 9-Tooth Glenco Soil Saver **$6,490.00**	AC 2500 12' Non-Fold Disc Harrow **$4,350**
AC 1200 Field Cultivator 16½ ft. Hyd. Fold **$2,650.00**	AC 2313 13'2" Disc Harrow **$3995**
Little Giant Rollaway Elevator **$650.00**	8C 25HP Hydramac Skid Steer Loader with 2 Buckets-Rental Unit **$5,995**
Model 2000 Series Semi-Mounted 5 Btm. AC Plow **$4,095.00**	48' Hub Elevator w/Hopper, Grain Discharge Head & Swivel Spout **$3,095** Less Motor
AC Model 2600 Fold Disk 16'8" **$7,195.00**	Artsway Forage Box with Roof 3 Beater, 10 Ton Gear with 11Lx15 Tires **$5,195**
AC 333 No Till Special Corn Planter w/Air Unit & Gran. Fert. Row Marker & Monitor Waiver Until 3/1/82 **$7,895.00**	

ITCO
Dealer for ITCO Corp
• Over 9,000 items At Discount Prices

SHARTLESVILLE FARM SERVICE
RD 1, Hamburg, PA
215-488-1025
H. Daniel Wenger, Prop.

ALLIS CHALMERS
AVCO NEW IDEA

LANDIS BROS., INC

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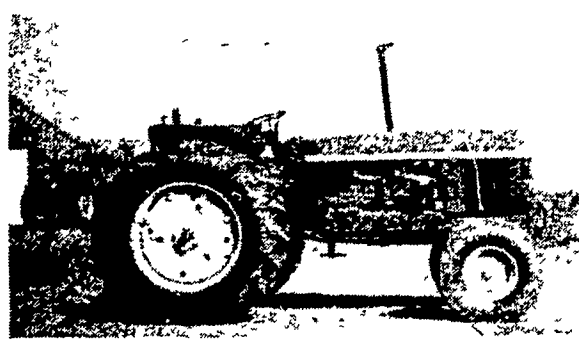
JOHN DEERE DESIGN, DEPENDABILITY AND DEALERS MAKE THE DIFFERENCE

SPECIAL JD FP WAIVER PROGRAM ON NEW JD UTILITY AND USED TRACTORS AND IMPLEMENTS UNTIL 3-1-82

JDFP WAIVER PROGRAM ON NEW JD & USED CORN PLANTERS UNTIL 4-1-82

CHECK THESE SPECIALS — CALL RIGHT AFTER 7 A.M. FOR INFORMATION & PRICES

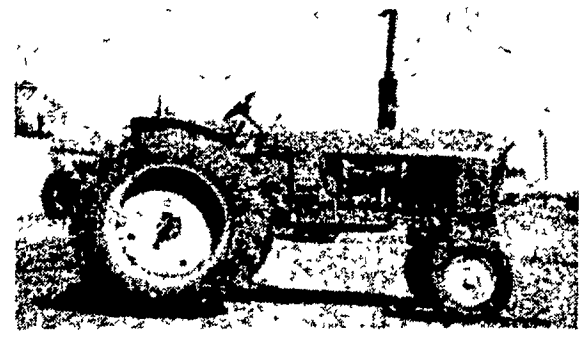
SPECIAL JD FP WAIVER PROGRAM ON NEW JD AND USED HAY EQUIPMENT, FORAGE HARVESTERS AND FORAGE WAGONS UNTIL MAY 1, 1982



JD 2840 Diesel
$15,500

SAVE NOW ON THESE USED TRACTORS

WITH NO FINANCE CHARGES UNTIL MARCH 1, 1982



JD 4010 Diesel, WFE
$8495

New Tractors

JD 4640 PS, SG	JD 2440
JD 4240 Quad, SG	JD 2240
JD 2940	JD 2040

Used Tractors

JD 2240 200 hrs.
JD 4320 w/cab
JD 1020 Ru Gas w/37 loader
JD 40T
MF 65 dsl.
IHC Cub w/mower

Used Spreaders

NI 206 Gr. drive
NI 207 PTO
NH 327 PTO

ALL USED LAWN & GARDEN EQUIPMENT REDUCED

New JD Utility Tractors

JD 750 w/MF WD w/375 Blade
JD 750 Turf T w/272 Mower
JD 650 Turf T w/160 Mower

Used Loaders

JD 46A loader

Used Corn Head

JD 444 Corn Head

New New Idea Uni-Equip.

743N 3 RN corn head
713 grain platform

Used New Idea Uni-Equip.

705 dsl. power unit w/cab & 767 chopper & 768 RC
767 super chopper
768 w/N3 row RC
769 flail mate
762 2R 30" RC

New Forage Harvesters & Equipment

JD 5820 s-p, cab, power wh. dr.
JD 3940 Harv
JD 16A chopper
JD 716A forage wagon
JD 6500 blower

New Corn Pickers

NI 325/327 2-row
NI 323 1-row

Used Corn Pickers

NI 323 1 row

New Rotary Cutters

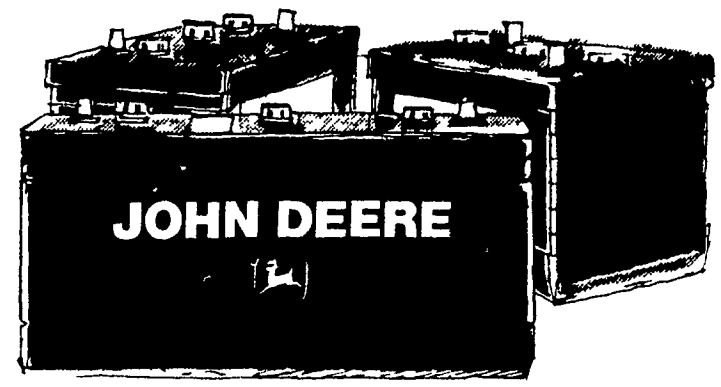
JD 506 5' util. 3 pt.
JD 606 6' util. PT

USED COMBINES

JD 7700 w/14' plat.
JD 6100 hydro. w/13' flex plat. & 643-6RN head

JOHN DEERE FARM TOYS
Blueprint Replicas™ that work hard to tackle any chore. Die cast with fine detail and ERTL's famous strength and safety features.
Check Our Low Prices

TRADE UP TO A JOHN DEERE BATTERY



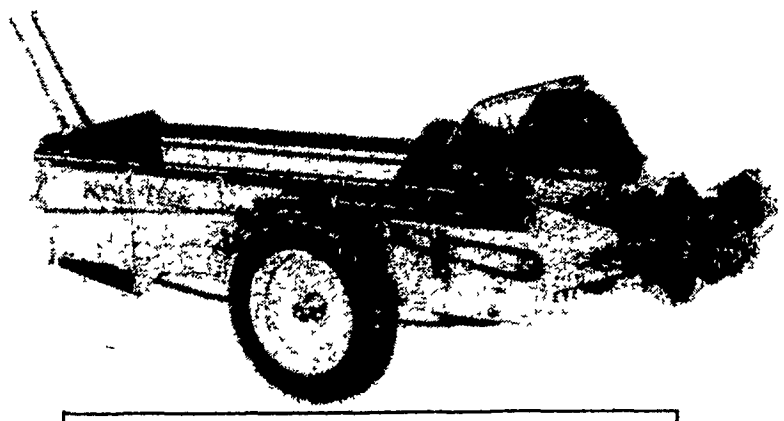
SAVE 25% on all batteries with trade-in

Bring in your present battery, we'll give you credit on it, and an additional discount of 25% toward a new John Deere battery. It doesn't matter what condition your old batter is in, either. We stock conventional and maintenance-free batteries for farm and industrial machines, cars, trucks, snowmobiles, boats, lawn and garden equipment and more. John Deere batteries feature a one-piece cover that reduces corrosion and short circuiting. It's epoxy-bonded to a hard rubber case for durability, long life and easy maintenance.

Free battery check-ups on any type of machinery while offer lasts No limit to number of batteries that may be traded in for another
Act now Trade-in offer ends Dec. 12, 1981

Nothing Runs Like a Deere®

NEW IDEA 95 BU. GROUND DRIVEN SPREADERS



206 New Idea Spreader Available With or Without Steel Wheels For Shipment NOW Order Yours Today.

CALL FOR SPECIAL PRICES

SPECIAL PRICES ON USED EQUIPMENT

Case 12x7 Drill	$ 700	Ford 9N Tractor	$ 1150
Ontario 16x7 Plain Drill exc. cond.	$ 2195	JD 210-36 disc 12'5" harrow, new blades	$ 3750
Ford 7 ft. pull rotary cutter	$ 495	NI 224 10 ton spreader, PTO	$ 3795
JD RW 28 disc harrow w/new blades	$ 695	JD 54 spreader, PTO	$ 1350
JD BW 36 disc 14' harrow	$ 1295	NI 214, 195 bu., spreader	$ 2795
JD 300 Elev. 28 ft.	$ 495	JD 25 A flail mower	$ 850

LANDIS BROS., INC.

1305 Manheim Pike, Lancaster, PA 17601
Phone -717-291-1046

FARM EQUIPMENT | FARM EQUIPMENT | FARM EQUIPMENT | FARM EQUIPMENT

USED EQUIPMENT

IHC 1066 Tractor w/Red Cab & Air
I would like to trade an 806 or 856
Case 1490 Powershift Tractor w/250 hrs
Farmall 706 with 291 gas engine, 2350 mount-O-matic loader
Int 1456 w/dual PTO's and 23 1x34 rear tires, new clutch and TA runs excellent
Brand New 1086 Tractor $28,000
IHC 84 Hydro Tractor w/50 hours
Farmall 756 Gas Tractor, new motor
AC 200 Tractor w/2100 hrs 1 owner
JD 5' Flail CI(SOLD)
NI Cut/dition(SOLD)
IH 315 Combine w/2 heads
IH 715 Combine
NI 319 12 roll mounted picker
NI 2 Row Pull Type PI(SOLD)
JD 5460 Chopper, 490 hrs 4 Wheel Drive
Sm Continuous Flo Grain Dryer

CORN HEADS

IHC 429N for 503 combine, excellent
2 Row Heads for Gleaner K or E III
NI 725 3 Row Narrow Corn Head
Massey 4RN 43 Head

PARTS FOR SALE

IHC 815 Diesel Combine
Massey 510 Gas Combine

RAYMOND B. LEAMAN
Willow Street RD 1, Ph Lancaster 464-2778
Midway between Lancaster & Quarryville
off Rt. 222 take Brenneman Road
at Graybill Bros. Garage, Refton

Used Tractors:

John Deere 4520, 4430, 4320, 4030, 1520, 2030 w/loader, 2510, Large Selection of 4010's, 3020, 3010, 60 with 3 point hitch Farmall 1066, 966 with cab, 806, 826, 460, 450, M, H Allis Chalmers 210, Ford 8N & 9N, 9000, 9660. MF 180, 175.

Used Combines

4400 gas Rotary screen, Massey Ferguson 300 with Quick Tach heads (sharp) 2, 3, 4, 6 row John Deere corn heads, 6 row IH head to fit 815 or 915. 105 corn special diesel engine, 4 row corn head.

Used Trucks:

1974 Chevy w/new 16' grain body & hoist, 427 engine, 5 spd. trans., 2 spd. rear. 1971 International 1800 with new 14' Body & hoist. 1975 GMC, 5 sp., 2 sp. rear, 366 motor w/air brakes, new 16' body & hoist. 1977 GMC cab & chassis. Ford Louisville w/24' Schwartz roll back,

Used Plows & Disks:

1450 John Deere 7 Bottom. Large selection of John Deere 5, 6, & 7 Bottom. Athens 21' Hyd. Fold disk. IH 470 18' Disk. Large selection of smaller John Deere disks.

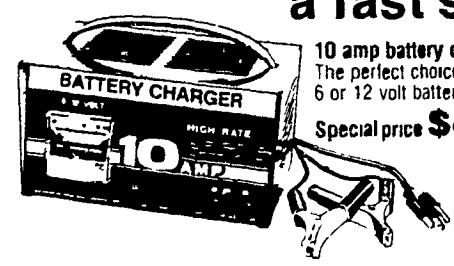
John Deere 950 15' Mulcher also 12' 950 mulcher. Brillion 18' spring tooth on rubber. Used year around cab for IH 766-1566. Large selection of Fox choppers & head. Good supply of Fox Parts. Fox 3RN corn head, NI 3RN head for chopper. New Fox flail attachment. New Gehl, Fox & Badger Equip. Gehl 95 mill. John Deere 1240 Plate & Plateless corn planters. Over stocked on lids for Hawk spreaders, exc. cond. JD model 2500 6 btm. 18" auto. reset plow. GSI grain bins and augers.
NI Corn pickers: 2 row wide & narrow
Knight big augie 16, mixer feeder wagon w/electronic scales, used 4 seasons. Special price on new Keewanne 20' hydraulic fold disc harrow

D & R EQUIPMENT INC.
Ringoes, New Jersey
(201) 782-5082

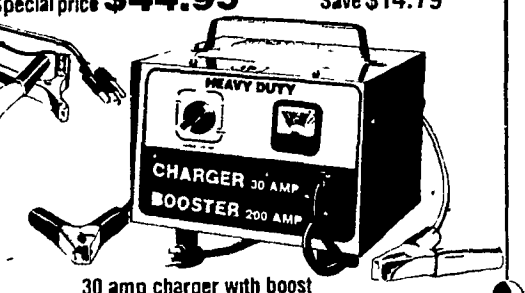
Erb & Henry's Parts Mart Specials!

Christmas Bell Ringer Sale!

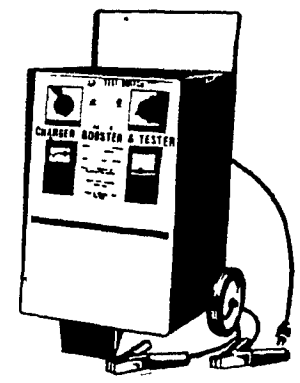
Heavy duty IH battery chargers will get your Santa off to a fast start.



10 amp battery charger
The perfect choice for home or farm Charges either 6 or 12 volt batteries
Special price **$44.95** Save $14.79



30 amp charger with boost
Charges 6 or 12 volt batteries Fast charges 30 amps trickle charges 5 amps 200 amp boost for jump starting A great gift!
Special price **$99.95** Save $41.31



80 amp charger, booster, tester
Charges to 80 amps boosts to 300 amps for jump starting Tests alternators and batteries Has timer and dual meters
Special price **$189.95** Save $81.74

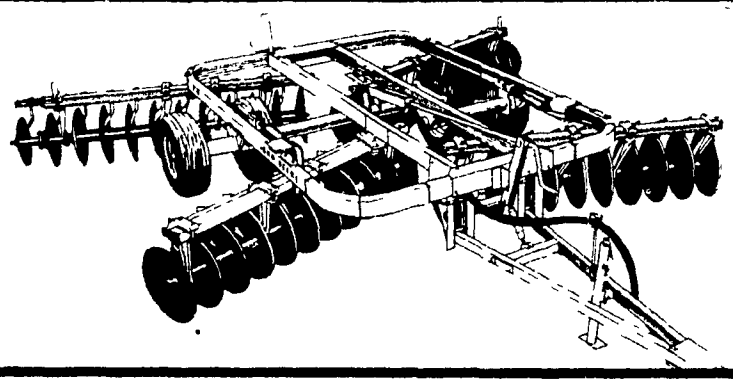
(Savings based on regular IH suggested list prices)

INTERNATIONAL AGRICULTURAL EQUIPMENT

ERB & HENRY EQUIP. INC.
New Berlinville, PA, 1 Mile N.
of Boyertown
Phone (215) 367-2169

JOHN DEERE BONUS BONANZA $ $ $

For a limited time, earn $50 to $1,200 in bonus buying power by ordering a new John Deere disk, hay or forage tool



Order any new John Deere hay/forage tool or disk listed here and during this special limited-time offer you'll qualify for a bonanza of bonuses. You'll receive $50 to $1,200 in John Deere money you can exchange for goods or services at our store after you take delivery. From the time you order until we make delivery you'll get price protection on any machine in this bonus program. And no finance charges will accrue on a disk purchase until March1, 1982 or until the first of the month in which a hay/forage tool purchase will next be used in this area.* Also remember this equipment could earn you investment tax credit in 1981 plus tax write-off under new depreciation schedules.

So act now and save. Check the list and order before this Bonus Bonanza offer ends.

HAY AND FORAGE EQUIPMENT

MACHINE	BONUS IN JOHN DEERE MONEY
Square Balers	$ 250
Round Balers	$ 250
PTO Forage Harvesters	$ 375
SP Forage Harvesters	$1200
Mower/Conditioners	$ 350
SP Windrowers	$ 450
Ag Mowers	$ 50
Rakes	$ 50

DISKS

DISK MODELS	BONUS IN JOHN DEERE MONEY
111 115	$ 75
210 215 310 315 340 1630 1635	$ 175
220 230 235 350 355 440 455 1640	$ 250
331 335	$ 425
370 375	$ 600

This [illegible] with [illegible]

PREVENT CROP LOSS, LEVEL YOUR SLOPES

JOHN DEERE 6620 SIDEHILL COMBINE WITH 6 ROW NARROW CORN HEAD IN STOCK

PRICED TO SELL!

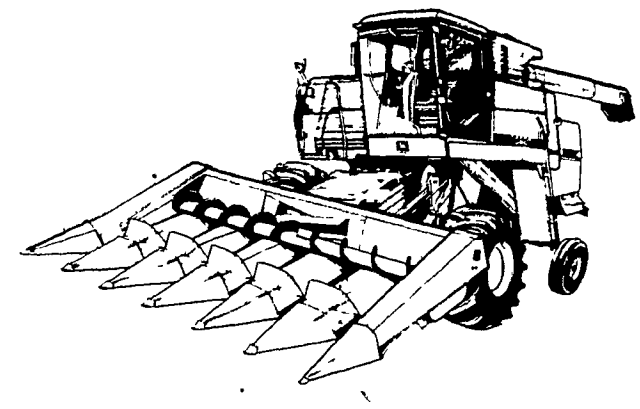
- **Finance Waiver until Sept. 1, 1982**
- **Old Price - Call For details**

Maximize crop savings on slopes with a John Deere SideHill 6620

On-the-go, automatic separator leveling from feeder house through cleaning shoe is yours with this SideHill 6620. As the separator levels on slopes to 18 percent, the header pivots to parallel the ground.

Master the hilly terrain with the power of our 145-hp, 466-cubic-inch diesel engine and hydrostatic drive.

Reap the benefits of the big capacity threshing and separating, cleaning and clean-grain handling designed into this unique member of the Titan combine line. Check out the SideHill 6620 with us now. We can help you save more of your crops grown on those hills.



JOHN DEERE

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Visa | master charge

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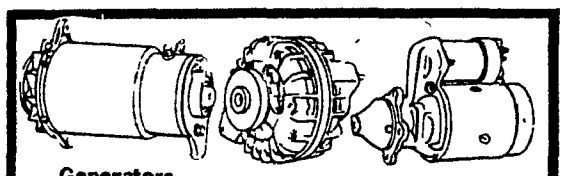


Generators Alternators Starters

We will repair or rebuild your tractor diesel or truck starter, generator or alternator. We can return by UPS. All work guaranteed.

EXPERT REPAIRS

PEQUEA BATTERIES

Ronks, PA 17572

BALDWIN ELECTRIC MOTOR DIVISION, INC.

REPAIR & REWIND - ALL BRANDS
AC & DC MOTORS
Call 717-354-5566
Call 717-354-4651
BALDOR ELECTRIC MOTORS
Warehouse and Factory Service
½ hp. thru 10 hp. 1 ph.
½ hp. thru 100 hp 3 ph.
FARM DUTY MOTORS IN STOCK
P O Box 232, Honey Brook, PA 19344

FARM EQUIPMENT

FARM TRACTORS

JD 4010 diesel, cab
JD 2520 side console
JD 2020 diesel
AC 210 diesel
AC D17 diesel
AC WD 45
JD 3010
JD 730 diesel
JD 720 diesel
JD 630
JD 530
JD 50
Ferguson 30

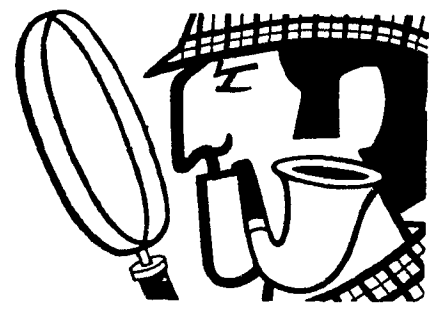
814-793-4293

FARM EQUIPMENT

WANTED
Used
IRRIGATION PIPE & PUMPS
Send your inventory and price to
EECO, INC.
4021 N. 6th St.,
Harrisburg 17110
717-238-9423

BARGAIN HUNTER SPECIALS

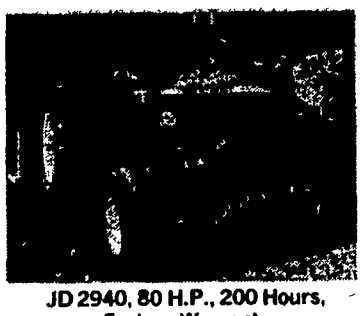
TRACK DOWN BIG BUYS ON USED EQUIPMENT



FINANCE WAIVER PROGRAMS ON USED EQUIPMENT

JOHN DEERE
Used Tractors - March 1, 1982
Used Combines - June 1, 1982
Used Hay And Forage Equipment - May 1, 1982

NEW HOLLAND
Used Combines - Sept. 1, 1982
Harvesters (Corn) - Aug. 1, 1982
Harvesters (Hay) - June 1, 1982
Hay Tools - June 1, 1982



JD 2940, 80 H.P., 200 Hours, Factory Warranty
$18,250.00

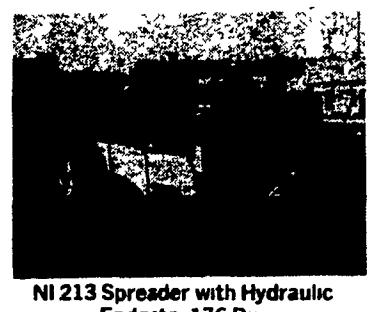
NH 1469 Self Propelled Haybine
$4850.00

White 2-150 Diesel
1020 Hourse 150 H.P.
$17,000.00

NH 355 Mixer, 100 Bu. 10 ft. Unloading Augers - (Excellent Condition)
$5500.00

NH 846 Round Baler with Auto - Wrap
(Used 1 Season)
$6900.00

Mustang 1700 Diesel,
Engine Recently Overhauled
$6950



NI 213 Spreader with Hydraulic Endgate, 176 Bu.
Very Clean
$1800.00

Stoltzfus 5 Ton Fertilizer Spreader with Sower
$3850.00

USED MOWER CONDITIONERS
NH 477 Haybine $2675
NH 467 Haybine $2350
Hesston Pt 10 ..... $1650
NI 279 CutDitioner $2650
NH 1469 ..... $3850
NI 270 Cut Ditioner $1650
NH 469 Haybine $2650
JD 1380 Mid Pivot Mower Conditioner, 12 Ft. $4995
Hay Crimper $150
NH 479 Haybine $2950

USED BALERS
JD24T Engine Baler $1995
JD 224T Baler $2450
NH 68 Baler $1550
NH 68 Baler $1500
NH 271 Baler w/Thrower $1950
JD 14T PTO Baler w/Ejects $1250
JD 346 Baler $3650
JD 14T Baler $600
Ford 530 Baler $850
NH 273 Engine Baler w/Steel Wheels $3150
NH 282 Baler w/thrower $2995

USED GRINDER MIXERS
NH 352 ..... $2650
JD 750 (Excellent Cond) $5500
Bearcat 540 & 1000 RPM Hammermill $995

USED TRACTORS
JD 2010 Gas $3450
JD 3020D late Model, Engine overhauled $8900
JD 2010 Gas, 45 H.P. $3450

USED LOADERS
JD 37 Loader $350
JD 47 Loader $675
JD 145 Loader with new 72" Bucket and Manure Tines (Like New) $2100

USED BLOWERS
NI 620 Blower, Nice $1250
Gehl 99 ..... $1800

USED MOWERS AND RAKES
Triumph Hi-Way Mower $1000
JD 25A Flail Mower, Like New $1250
NH 56 Rake $950
Bushhog 14' Rotary Cutter $1800
JD 350 Rake $450
NH 55 Rake $795
Fella Tedder 650
JD 10 Mower $195

USED SPREADERS
NH 512 ..... $1350
NH 510 ..... $1575
NH 790 ..... $3990
NI 218 ..... $4250
NI 512 w/Hydraulic Endgate $875

USED HARVESTERS AND ATTACHMENTS
NH Super 717 with 2 Row 717R2 Corn Head $2250
NH 1 Row 717 Corn Head $775
NH 717S Harvester $1800
Fox Hay Pickup $500
NH 717 Harvester $1350
NH S717, New Knives $1650
NH 717 R2, Corn Head $650
NH 718 Harvester $3500
NH 770 R2 Corn Head $1350
NH 707 3 Pt Hitch one Row $2350
NH 707 3 Pt. Hitch one Row $2650
NH 707 3 Pt. Hitch one Row $2450
NH 707 W Hay Pickup $575
NH 707 W Hay Pickup $375
NH 707 W Hay Pickup $375
NH 1890 Harvester with 890A Auger Base and 890N3 Three Row Narrow Corn attachment low hours, field ready $32,250
NH 890A Auger Base w/890N3 3 Row Narrow Corn Head $4000
NH 717S Harvester $1775
NH 717 Harvester $400
NH 717 1 Row Corn Head $200
NH 880 Harvester w/880 R2 Corn Head $2650

NH 1895 Harvester w/1895 A Auger Base and 1895 N4 Corn Head - Used 1 Season $51,000
NH 1895A Auger Base and 1895 N4 Corn Head $8000
NH 880 N3 Corn Head $2850
NH 717W Hay Pickup $675
Fox 2300 Harvester w/2 Row Wide Corn Head $2995

USED BACKHOES AND TRENCHERS
NH D100 Backhoe $2950
NH T330 Trencher $2400

USED WAGONS AND GEAR
Badger Forage Box with Gear $1875
Gehl Forage Box w/NH 234 Running Gear $2850

USED COMBINES AND ATTACHMENTS
NH TR70 Ford Diesel, Var Speed $34,500
NH 962 N4 Corn Head $4250
NH 960 13 ft. Flex Grain Platform $2850
JD 444 4 Row Wide Corn Head $4250
JD 443 4 Row Narrow Corn Head $5850
JD 343 3 Row Narrow Corn Head $2800
JD 244 2 Row Wide Corn Head $1600

USED GRAIN DRYERS
295 Bushel Batch Dryer $1100

USED CORN PICKERS
NI 323 Corn Picker $3250
JD 300 Husker w/3 Row Narrow Corn Head $7250

USED PLANTERS AND GRAIN DRILLS
JD 494 A - 4 Row, Plate w/fert. Insect. Seed Disk Openers $1100
JD 494A - 4 Row Planter $550
JD 494A - 4 Row Plate, w/fert. Insect $1000
IH 56 - 4 Row Plate, w/fert. Insect $1350
JD 1240 Corn Planter $1900
JD 7000 6 Row Narrow Corn Planter $7500
JD FB 14x7 Drill w/fertilizer, Grass Seed, Single Disk Openers $950
JD 494A Planter $1050
JDFBB 17x7 w/DD Seed Openers, Fertilizer and Grass Seed $2250

USED TILLAGE
JD 9' Spring Tooth Harrow $450
Brillion LFM 9' Pulverizer $375
Dunham 10' Packer $600
JD 350 - 5 Bottom Hydraulic Reset Plow $3250
Wing Fold AC 18' Field Cultivator $2250
Ford 206 - 12', 3 Point Spring Tooth Harrow $425
JD 208 Killifer disk $450

AVCO NEW IDEA
SPERRY NEW HOLLAND
JOHN DEERE

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WISCONSIN Heavy-Duty ENGINES

6 to 65 H.P.

AUTHORIZED SERVICE CENTER

COMPLETE REBUILDING -
LARGE PARTS INVENTORY

LINCOLN & SCOTT PORTABLE D.C. WELDERS

135-175-200-225 amp.

FISHER ENGINE SERVICE

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Amos L. Fisher
3141 Old Phila. Pike

Bird-in-Hand, PA
17505

INTERNATIONAL® AGRICULTURAL EQUIPMENT

NEW TRACTORS IN STOCK

5288 w/C&A 3 Valves & Radials & 160 hp
3688 w/Cab & Air 18 4x38 Tires, 110 Hp
(2) 1086 w/C&A 20 8x38 Tires, 130 Hp
886 w/ROPS 18 4x38 Tires, 90 Hp
(2) 784 RC w/18 4x30 Tires 67 Hp
584 RC w/16 9x30 Tires 52 Hp.

ALL TRACTORS WAIVER OF INTEREST TILL 3-1-82

NEW EQUIPMENT SPECIALS

IH 1250 Grinder/ Mixer ~~$7380~~	$6100	IH 550 Spreader 249 Cu' ~~$4845~~	$4100
IH 595 Spreader, 451 Cu' ~~$8287~~	$6950	IH 540 Spreader 210 Cu' ~~$4235~~	$3650
IH 560 Spreader, 289 Cu' ~~$4961~~	$4175	IH 2250 Loader w/Bucket ~~$3621~~	$2975

WAIVER OF INTEREST 'TIL 3-1-82

NEW TILLAGE EQUIPMENT SPECIALS

IH 510 4-18 Plow	$4250	IH 490 20'6" Hyd Fold w/Cyl	$9500
IH 510 5-18 Plow	$4650	IH 415 Packer Mulcher 12'2" 19" Packers w/Cyl	$4950
IH 720 5-18 Toggle Plow	$6200	IH 5500 9' Mt Chisel w/Gauge Wheels & HC	$1950
IH 720 6-18 Toggle or Land	$8250	IH 6010 10' Con-Till w/Cyl	$3850
IH 475 12' Disc w/Cyl	$4550		
IH 475 17'8" Folding Hyd w/Cyl	$7250		

WAIVER OF INTEREST 'TILL 3-1-82

USED TRACTORS

IH F 544 Diesel w/WF end and 3 pt hitch	$6850	IH 574 Gas 1295 hrs, nice	$6150
2-IH F-M Any price range		IH F 300 Gas w/2 pt	$1750

WAIVER OF INTEREST 'TIL 3-1 82

USED CORN HARVESTING & COMBINE EQUIPMENT

IH Sheller for 234 Picker	$950	Fox 1 Row Corn Head for a 546	$150
IH 76 Pull Combine	$650	IH 2 Row Corn Head for IH 650	$250

USED HAY EQUIPMENT

IH 990 9' mower conditioner	$2350	IH 430 Baler w/thrower	$2650
IH 37 Baler w/thrower	$1800	Van Dale Forage box and chassis	$1250
IH 15 Rake	$375	Gehl 72 6' Flail Chopper	Coming In
NH 479 9' Haybine	$1500	NH 7 Forage Wagon	$1650
IH 27 Baler w/thrower	$1500		

WAIVER OF INTEREST 'TILL 5-1-82

USED TILLAGE

IH 510 4f 16" nice w/cylinder	$2150	IH 720 6f 18" like new w/cylinder, toggle trip	$6500
		MF 4f 14"	$300

WAIVER OF INTEREST 'TILL 3-1-82

USED SPREADER AND MISC.

IH 530 Spreader	$1350	New Idea 201	$500
IH Wagner Loader w/buckets	$450	Century 300 Gal Sprayer	$650

WAIVER OF INTEREST 'TILL 3-1 82

USED PLANTERS AND DRILLS

IH 400 6 row 30' real nice	$5950	IH 400 4 row 38"	$2500
JD 494 4 row shoe	$400	JD 494 A w/new hoppers	$1350
IH 56 2 row real nice	$1250		

WAIVER OF INTEREST TILL 5 1 82

MIFFLINBURG FARM SUPPLY, INC.

East Chestnut St., Mifflinburg, PA 17844
Phone: (717) 966-3114
Evenings - 717-524-2924 - Frank Saner

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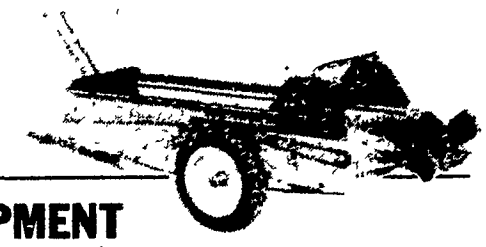
206 GROUND DRIVE SPREADERS IN STOCK



USED EQUIPMENT

TRACTORS

Case 930
Case 1070 D
Case 1370 C-A-H
Ford 4000 G
IH 660 D
IH 1066 Hydro
MF 2135 Turf
AC 7040 C-A-H
AC 7080 C-A-H
DB 1200 D
MM Jet Star 3 diesel

LOADERS

Case 380
1530 Uniloader
Uniloader Broom
1830 Uniloader
1845D Uniloader

UNI-SYSTEM

701 Power Unit
702G w/combine
767 harvester
762 row crop
760 hay pickup
743 N corn head
730 4RW Head

NEW IDEA

Manure Spreaders 212, 213, 214, 224, 218, 224
325/314 picker sheller
323 one row picker
325/327 Picker
329 Super Sheller

FORAGE

Gehl 600 harvester
J D. 65 blower
N.H 1880 SP

MISCELLANEOUS

Ford 101 plow
Hesston PT 10
JD 12' Disc Harrow
NH Lime Drill
Lilliston 6' Mower

A.L. HERR & BRO.

PARK AVE., QUARRYVILLE, PA 17566 PHONE: 717-786-3521

case | AVCO NEW IDEA | GEHL Gets into your system | BUSH-HOG

MF Massey Ferguson

M.M. WEAVER & SONS, INC.

LEOLA, PA. 17540 717-656-2321

Located 4 miles West of New Holland on Route 23, 1½ miles Northeast of Leola on the North Groffdale Road, 1 mile on the right, opposite Groffdale Mennonite Church

NEW & DEMO HAY, FORAGE & PLANTING

MF 200 Harvester w/2 Row Head (4) MF 1 row Corn Head for 200	@ $900.00
MF 260 Harvester 3 Row Head	
MF 260 Harvester w/Used 2 Row	$6100.00
MF 22 Bale Thrower	$1520 00
MF 925 9' Haybine	$4800.00
MF 37 PT Hay Rake	$1650.00
(2) Farmhand F7 Hay Rake	@ $1995.00
Farmhand M 25 Hay Rake	$975.00
Niemyer Hay Tedder	$1525.00
(2) Mott 3 pt 72" Flail Mower	@ $1500 00
(6) Farmhand Corn Processor	$4500.00
(6) Conveyor For Above	@ $950.00
MF 1050 Grinder Mixer	$5700.00
Farmhand 880 Tub Grinder	$8500.00
MF 468 6 Row Cornplanter	$2588.00
Farmhand 815 Grinder Mixer	$4900 00

USED HAY - FORAGE & PLANTING

New Holland 717 Harvester 1 row & Hay Pick Up	$1400 00
Brady 840 Flail Chopper	$1250 00
MF 1050 Grinder Mixer	$4850.00
Fox 2000 Harvester 2 Row and Hay Pick Up	$1000.00
Hesston #10 Stacker	$1000.00
Brady 1680 Flail Chopper	$3750.00
New Idea 315 Picker Sheller	$2900 00
MF 10 Baler w/thrower	$1800.00
Farmhand 5 Wheel Rake	$550 00
MF 12 Baler	$600 00
	$1100 00

TRACTORS USED

MF 1155 8 Sp	$11,000 00
MF Super 90 Diesel	$3900 00
MF 1100 Turbo	$8250 00
MF 1085 M P	$8200 00
MF 178 M P	$4500 00
Case 1370 Cab	$14,000.00
Case 990 w/Loader	$9500.00
MF 6 Riding Mower	$350.00
MF 33 Wheel Loader	$9000 00
NW 71 Skid Steer	$8000 00
MF 14 Lawn Tractor	$1475.00
IH 706 Diesel	$5500
JD 2840	

DEMO TRACTOR

MF 2775 24 Sp	$29,000 00
MF 2745 24 Sp	$28,500.00
MF 255 M P	$12,200 00
MF 255 8 Sp Hi Cl	$11,900 00
(2) Ind 20C Tractor Cabs	@ $1500 00
MF 220 4 Tractors	$7,900 00

NEW & DEMO MISC. EQUIP.

York 6' Scraper	$230.00
(4) York 7 Scraper	@ $250 00
York 7 Scraper	$500.00
York 8 Scraper	@ $550 00
York 8' #75 Scraper	$850 00
MF 226 Scraper (3)	@ $460 00
MF 8 10 Ton Gear 11L	$1140 00
MF 7 8 Ton Gear	$775 00
MF 86 12 Ton Tandem Gear	$1525 00
EZ Pincor Gear	$250 00
MF 5 Ton 5th Wheel Gear	$300 00
EZ 672 6 Ton Gear	$675 00
EZ 872 8 Ton Gear (3)	@ $830 00
EZ 1074 10 Ton Gear	$1050 00
MF 236 Q A Loader	$2495 00
MF 216 Q A Loader	$1750 00
MF 32A Loader	$3500 00
Dunham 22 Loader Demo	$1900 00
Dunham 22 Loader (2)	@ $2550 00
Danuser Post Hole Digger	$875 00
Little Giant Corn Drag	$780 00
EZ 170 Bu Gravity Box (2)	@ $530 00
EZ 220 Bu Gravity Box	$900 00

USED MISC. EQUIP.

New Holland Tandem Axle Spreader	$2000 00
Fert Drill	$125 00
Fontana Loader	$800 00
Century Sprayer	$1250 00
Century Sprayer	$975 00
7 Snow Blower	$600 00

NEW COMBINES - GRAIN & CORN HEADS

In Stock 860 850
540 Combines 2 4 6 row
Corn Heads 13 15 16
Reg & Float Grain Heads
Call for Special Prices

MF 24 - 2 row Corn Head	$2350 00
Profiteer 14' P U Reel (5)	@ $625 00
Profiteer 15 P U Reel (3)	@ $650 00

USED CORN HEADS

MF 83 8 Row 30" (2)	@ $7000 00
MF 63 C 6 Row 30' (2)	@ $2500 00
MF 63 6 Row 30" (4)	@ $2100.00
MF 44 4 Row 38" (2)	@ $3500.00
MF 44 4 Row 38" (9)	@ $2500.00
MF 44 4 Row 38 ' (3)	@ $2100.00
MF 43 4 Row 30' (1)	@ $2500 00
MF 33 3 Row 30'	$2500.00
MF 24 2 Row 38 '	$2200.00
MF 422 4 Row To Fit 510	$1200.00
MF 621 4 Row To Fit 510	$1200 00
MF 322 3 Row To Fit 410	$200.00

USED COMBINES

MF 760 V8 Hydro Grain & Corn	$48,500 00
MF 760 V8 Hydro 16' Grain	$34,000 00
MF 760 6 Cyl Gear 16' Grain	$19,000 00
MF 760 6 Cyl Gear 4 sp Grain	$19,500 00
MF 510 D 3 sp Grain Table	$12,500.00
MF 510 D Hydro Grain Table	$14,500 00
MF 300 QA Grain & Corn	$9000 00
MF 300 Gas 13 Grain	$3100 00
MF 80 Combine	$600 00
MF 760 Hydro with 4 wheel drive	
IH 315 Gas Grain & Corn	$7900.00
IH 303 Gas Grain & Corn	$3900 00
New Idea 315 Sheller Unit	$900 00
JD 95 Gas 13 Grain 3 30 Corn	$9200 00
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MF 16 Offset w/P U Reel	$1200 00
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MF 129 3 pt Chisel Plow	$1375 00
Amco F17 32 Disc Harrow	$5200 00
Dunham 8 Tooth Chisel Plow	$1600 00
MF 730 Disc Harrow 10	$4950 00
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MF 428 4-38 Cultivator	$1250 00
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Brady 12 Field Cultivator	$1200 00
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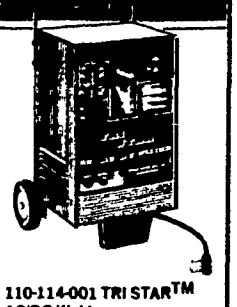

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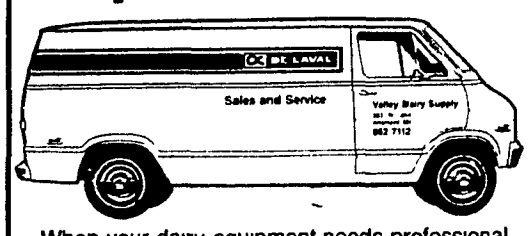

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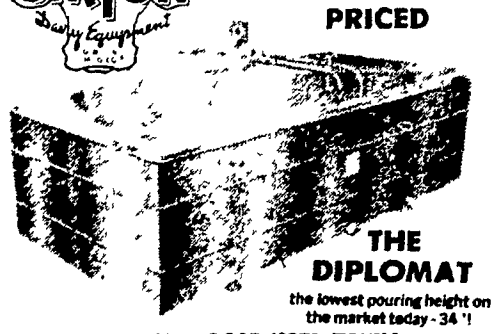

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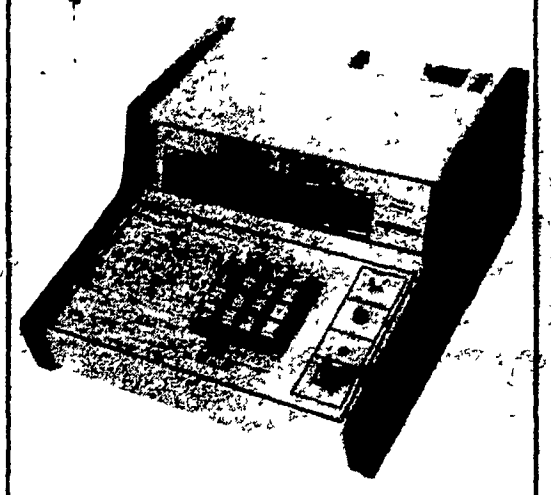

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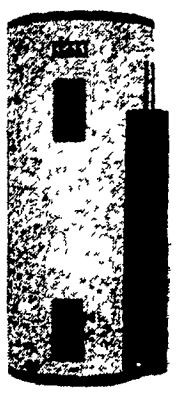

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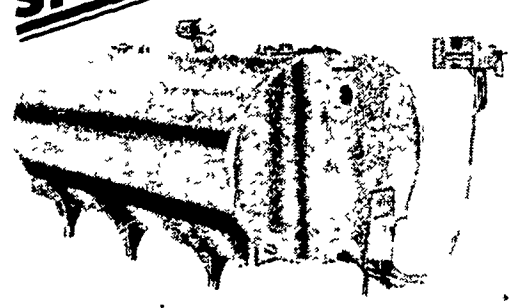

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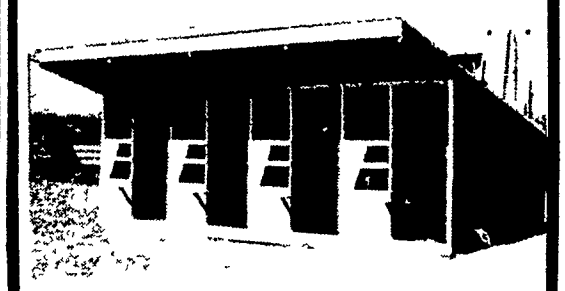
Solar Calf Kennels

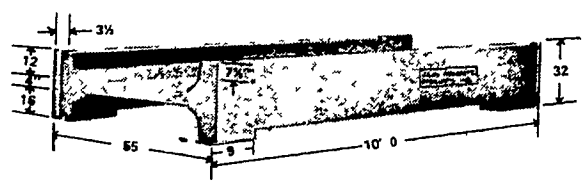


Kennel is on treated skids. Has white baked enamel roof. Aspenite siding. Vent in back, grain and hay feeders. Bucket racks included. Kennel sizes available from 2 to 6 pens.
Prices size 8'x12' 4 pen $380
4'x8' pens $105. @ plus 3'6" overhang
3'x8' pens $95 @ plus 3'6" overhang
4'x8' single calf hutches complete $78
Rugged Homestead Products
Sotz Double Barrel Heater Kit $49.50
12 lb. all steel wood splitting Maul $21.95
Neuman chimney cleaner $26.95

COOPERVILLE WOODWORK
Enos B. Stoltzfus, Prop.
Christiana R.D. 1 Box 331
Lower Valley Road 17509
For Kennel Delivery call
Charles Myers 717-786-1243

CONCRETE GANG SLATS
for Dairy and Hogs
Slats Available in Gangs of 8, 10, 12 ft. Lengths

Easy Installation
High Strength
Reinforced Construction
Easy Cleaning



"H" and "J" TYPE FEED BUNKS
LOW COST — LONG LIFE
Contact
AgriConcrete Products, Inc.
R.D. 2, Box 147 MIDDLEBURG, PA. 17842
Plant (717) 837-3885 or 649-5321
DEALER INQUIRIES INVITED

CATTLE

Wanted Herd of dairy cows or heifers, 301 358 0412

Buyers & Sellers of Livestock - Be sure to check the advertisements for cattle in the Lancaster Farming You'll get results! 717 394 3047 or 717 626 1164

LEASE QUALITY DAIRY CATTLE
Various plans available.
Call or Write.
Dairy Farm Leasing
1700 Dupont Ave. South
Minneapolis, Minn. 55403
612-377-1489

For Sale - Registered Holstein bulls from top A1 sires, many available to select from Star Rock Farms, John Barley 717 872-4058

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Wood Shavings Are Best!
Processed and Packaged by
Eastern Wood Fibers, Inc
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(301) 498 6100

CATTLE

Simmental Percentage & Purebred bulls, cows, heifers & club calves by leading AI sires Performance tested Edward Pierce, R D 2, Neshanic Station, NJ 201 369 4039

Service age registered Holstein bulls by Pete, Star, Astronaut, Glendale, Chief and others Dams classified very good with records over 29,000 lbs milk and 1195 lbs milk fat Stumpland Farm 215-488-1965

Chianina Angus Cross for sale Cows, heifers, feeder calves and bulls 717 872 5655

24 yearling heifers, vaccinated and dehorned, $500 215 932 2764

Big, Growthy 1981 Chianina - Angus Beef Calves for sale Show quality and feeders available Reasonably priced Honey Run Farms, RD1, Box 291-A, Belvidere, NJ 07823 Call 201-637-6335 after 7 00

For Sale Large choice Holstein heifers, bred & open, over 350 to choose from Harmony Dale Farms, Phillipsburg, NJ 201 859-2616

For Sale Registered Angus bull, D S Band 1608, three years old, good temperament, has produced rugged easy calving offsprings, $1000 215 367-9301

For Sale 30 Holstein Feeder Steers, 6 to 800 lbs , Potter County, Phone 814 435 2314

For Sale herd of 25 reg cows some scored vg, records to 24,000 lbs Call J W Gooch 814-274 9753

Registered Belted Galloway Cattle, extremely hardy, excellent Foragers Yearling bull $600, yearling heifers $650 Robert Boyer, RD #1, Chester Springs, PA 19425 215 827-9298

For Sale - 2 registered Holstein heifers 1 sire son of Astronaut, Dam's sire Fleetridge Monitor bred to Sooner Elevation Chip, due Dec 3 1 sire Lime Hollow Elevation Mars Dam s sire Woodbourne Lass Reflection Dam's record 16,360 3 8 625 fat Bred to SWD Valian due Dec 25 Call after 5 or weekends 717 549 4651 Howard Sparling, Tioga County, Mansfield, PA

20 registered Polled Hereford cows due to calve in spring Good milkers 201-439-3017

Bull for sale Registered Holstein 14 mo old $400 Phone 717 739-2247 Schuylkill County

Registered Santa Gertrudis bull 15 month has been shown Fine beef animal Makes good commercial breeder 717 642-5894 after 5 PM or before 7 AM

Angus feeder steers, 2 select from 4 ranging from about 450-750 lbs Chester Co 215 942 3025

Holstein cows due in January 301-452 8509

Chianina bull VCR Filetto 304, Reg 1974 Dam Miss Karen, Also Chianina X Hereford bulls Contact M&W Farms Waterfordsburg, PA 17267 717-294-3573

Angus cows with calves, young bulls, reasonable 301-658 6789 Call 7 00 8 30 A M

For Sale Herd of young Holstein cows, home raised AI breeding Must be sold before January 1st but can hold herd until Spring for buyer 301-578 1224

3 Registered fresh Holsteins for sale Milu Betty Ivanhoe Chief dau Plushanski Persuador dau Arlinda Jet Stream twin Records set to 21,000M, 1000 lb fat Trucking available Call evenings 717-284 2309

Service age reg Holstein bull, out of excellent dam 717 665 3778

CATTLE

For Sale 15 open Holstein heifers, will trade on springing heifers 717 229 2055

For Sale Holstein springing & fresh heifers & cows Pick from one of the finest selections in the Northeast, Honest dealing, satisfied customers, & quality cattle has been snynonymous with our name for almost 50 yrs Distelburger Livestock Sales, Middletown, NY 914-634 6689

For Sale - Two Hereford Angus cows, bred One registerable Angus bull, excellent temperament, offspring easily calfed Price negotiable 215-799-4549

FOR SALE Two 1,300 lb Registered Polled Hereford Cows bred to Enforcer 107H $750 each 301-489-4463

Small Charolais herd Privately owned and bred for 14 yrs Including Admiral Fanfare, Bingo, Barnabas, Sam breeding 29 head An outstanding herd Columbia Co 717 784-9458

For Sale 5 large Holstein heifers will freshen January & February Phone 717 324 2841

Reg Holstein calves and heifers for sale Top bulls of the breed, Creek, Star, Jemini and others Dams records to 23,000M and 1000F 717 746 3641

Wanted Holstein heifers to raise or contract 717 549 6001 after 8 00 P M

Red & White Bull HFAA registered, sired by Agro Acres Marquis Ned Dam projected at 20,408M, 926F Lanc Co 717 367 3344

Wanted - Holstein grade bred heifers sired by AI bulls-due to freshen Dec and Jan Bill Warns 301 329 6581

For Sale Angus bull, service age, can be registered, Sire Ankonian Dynamo Also Angus club calves Juniata Co 717-734 3695

For Sale - Six registered polled herefords bred to a "Jogger" son Call 488 5353 evenings Wayne Co

Selling our complete herd 31 P B 8 Grades cows ave 16,500 ave 50 # per da 8 bred heifers due Dec - Jan 10 open heifers ready to breed 18 head calves to yearling 215-286-9173

For Sale - 20 mo old reg Jersey bull, gentle, out of Finalist of Marlu dam out of Quicksilver 215-689-5387

For Sale 100 Holstein cows, majority are 1st and 2nd calves, A I sired, some Registered several records over 20,000 RHA 15,220 3 9% test 590 fat 35 bred heifers, mostly A I sired, dams records to 29,000 301-635 2033 or 301-875-2250

For Sale 3 fresh Holstein heifers, well grown, good udders John Umble. 215-593-5756

Need to increase your cash flow? Lease Holstein heifers sired by Lawcrest Marvex Twin & other A I sires Call Oxford Farms 215 444 5155 after 6 PM

For Sale Beef Cattle herd complete liquidation Approximately 60 head All bred for early spring delivery Total herd or in lots Call 215 948-8300 for appointment Sunnyslope Dairies Inc West Bridge St , Spring City, PA 19475

Herd of 24 Grades very young, all 1 and 2 calf except 5, ave 49 #, exceptionally good udders, all A I 717 354-4374

"Wisconsin and Canadian Dairy Cows For Sale - 1st, 2nd, and 3rd calf Fresh and close springers Cash, or credit with down payment Specialize in selecting cows for customers Free delivery Call collect Reuben Greenberg, Inc , Columbus, New Jersey 08022 Phone 609 298 1021

CATTLE

Wanted Entire dairy herd, also, bred Holstein heifers Will pay $25 more per head than the going price Don t sell until you call me Call collect Reuben Greenberg, Inc , Columbus, NJ 609 298 1021

2 Registered bred Heifers due mid Dec to Very, Vac Dams are GP 81, VG 86, Have records to over 19,000 16 000 lbs Write or call Rod Wood, Woodson Farm, MR2 Pennsburg, Pa 18073

Two 18 month polled Purebred Charolais Bulls
Stauffer Homestead Farms
Rte 2 East Earl, PA
215-445-6209

CATTLE

Registered Holstein bulls, 1 year old and younger Out of dams with records to 24,000 milk and 900 fat Stump Acres 717 792 3216 York Coun ty

HERD REDUCTION SALE
of Quality Angus Cattle
3 proven herd sires, lg selection of yearling bulls, lg group of bred cows, bred to top AI bulls
GLENAIR FARMS
Rt 3
Elizabethtown, PA 17022
717-367-1552 days
717-367-2174 evenings

HORSES & MULES

Blacksmith Horseshoeing, Standardbred, Thoroughbred, Quarter Horses, Draft Horses Will travel Call 717 768 8709 or 717 464-3827

King Ranch western saddle in very good condition, $350 or best offer, also, US Army saddles in good condition, $275, Lanc Co 717 442 4259

2 nice Thoroughbred mares in foal to NY registered Stallion, foals will be eligible to rich New York stakes, also, ½ Thoroughbred yearling filly for sale Reasonably priced Call 607 458 5414 Write Happiness Hills, RD3, Addison, NY

Registered Belgian filly 20 mo old Green broke red sorrell, white mane & tail, white blaze Sire Christy Views Dukey Farceur Out of the dam RKD Com mander 814 466-6215

CATTLE

For Sale Holstein heifers, 13 head bred 4-7 mo $850 each 717 393 3113 or 717 394 3099

1 year old Reg. Red & Wh. Hol. Bull. Sire Alban Red. Dam Aris Daught.
Delivery in Pa. Available
Write:
E.C. Atwood
Box 67
Florence, VT 05744
802-483-2362

HORSES & MULES

For Sale 3 Standardbred horses 215 286 9703

HORSES & MULES

5 year old registered Quarter horse mare 1973 two horse trailer Phone 814 672-8957

FOR SALE
American Saddlebred Horses
Carriage & Buggy Horses
SPECIAL
5 Big Carriage Horses from Dor Boring Stables
Monday, November 23
12 Noon
Horses will be hitched at farm Sat , Nov 21
Farm is located 1 mile north of Bareville on N Hershey Ave
J.Z. NOLT
R.D. 1 Leola, Pa. 17540
717-656-9711

SHEEP & GOATS

Total Sheep Flock For Sale 50 head, mixed breed, Suffolk and Dorset sire breeding stock and fat lambs at Chenango Co NYS Call office and I will call back 201 854-2900

Milk Goats Wanted fresh or dry Call 215 857 3463

1 registered Corridale ram (1 of twins) Call 215-536 4203 after 6 PM

For Sale billy goat, 1½, wether goat, 8 mo 717-921 2810 Dauphin

Nubian Buck Service, ADGA purebred, guaranteed, $25 Dam's official record 305 days, 3453 milk, 186 butterfat Breeding stock available Gettysburg 717-334-7993

For Sale - Registered Suffolk's bred yearling ewes & mature ewe lambs A few older ewes & 2 rams also available Also a two hole corn sheller 301 378 3178

For Sale or trade - Irish Setters for sheep, hunting stock, purebred, 6 mo old 215 593 6897

SHEEP & GOATS

Toggenburgs Two bucks, five milkers, and three yearlings One or all 215-869 8156

Milk Goats Bred does and kids Adams Co 717 359 5165

Reg Nubian stud service $15 00 Amos Lapp 1561 E Newport Rd Lititz, 1 mi north of Brownstown

Registered Nubian & Alpine bred does $125 each Also 2 registered Purebred Nubian bucks $100 each Conowingo Area 301 939 2774

SWINE

DUROC BOARS and gilts, production tested, certified meat type show winning stock Bloodlines of the best in the U S Par Kay Farm, Park F Thomas, Beavertown, Pa Phone 717 658 6544

For Sale - Duroc boars & gilts Sweigard Durocs, R D 3, Box 639, Halifax, Pa 717 896 3365

For Sale Feeder Pigs We aim to please 304 586 2823

SERVICE AGE BOARS Straight Irish or other foreign bloodlines No U S breeding in our herd Reno H Thomas, Brooks End Farm, Beavertown, Pa 17813 Phone 717 658-5821

If you have swine to sell or buy - check our swine column It is read weekly by thousands 717 394 3047 or 717 626-1164

YORKSHIRE AND LANDRACE boars and gilts of all ages Pseudorabies negative tested boars for sale at all times Production tested, certified meat tested, Show winners with many carcass champions Daily drive in and drive-out service Reno H Thomas, Beavertown, PA 17813 717 658 5821

125 Hampshire - Yorkshire open gilts Also service age boars of both breeds John Strawbridge, Stewartstown, Pa 17363 301 996 2022

CATTLE TRIMMING
NY - NJ - PA
Tri-State Area
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914-856-5744

FOR SALE
Registered Polled Hereford bull. Excellent herd bull. Good height & gentle disposition.
M&H Farms
Port Trevorton, PA
717-374-8833
717-374-4138

90 Angus cows & 3 bulls Cows are large & uniform Herd will start calving Feb 1. $450 each 301-838 5883

ANGUS CATTLE FOR SALE
Established Quality Breeding Stock Cows, Pairs, Heifers, Club Calves, Feeders, Proven Bulls.
1726 FARM
Lebanon, N.J. 08833
201-832-5324
201-832-7944

FOR SALE
Overstocked, take your pick from 375 head commercial herd Fresh cows, dry cows or bred and fresh Heifers.
Lebanon Co.
Phone
(717) 933-8622

SALE
NJ POLLED HEREFORD ASSOC.
SAT., NOV. 28, 1981
12:00 Noon
Fairgrounds, Flemington, NJ
Enclosed Barn
40 Steer Calves
Club Project Quality
20 Heifer Calves
Show and Brood Prospects
FOR INFORMATION CONTACT:
NJ POLLED HEREFORD ASSOC.
Bartlett Hall Box 231
New Brunswick, NJ 08903

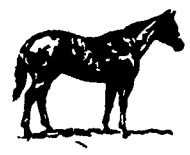
ATTENTION FARMERS
Wanted to Buy
Hurt, Disabled, Down Cattle and/or Hogs
HOSTETTER'S LIVESTOCK SERVICE
On the spot payment when possible
Pick-up area unlimited and prompt pick-up
Call (717) 949-2209 or
(717) 949-3205
All animals slaughtered under federal inspection

ATTENTION DAIRYMEN-ALWAYS AVAILABLE
Large selection of the finest high producing registered and grade Holstein first calf heifers and cows
Terms Cash or short term. Also lease plan. 30 day TB and blood tested for Interstate shipment All other health precautions taken
If you need a new herd, additions, or replacements call or write
M. BARMANN & SONS, INC.
P O Box 437
New Hampton, N Y 10958
Over 40 Years Experience
(914) 343 6875 Days - (914) 343 8381 Eves
ENTIRE DAIRIES BOUGHT FOR CASH NO DEAL TOO SMALL OR TOO LARGE

For Sale
4 Reg. Holstein Bulls
* Born Nov. 7, 1981. Dam-Freman Jocon Jewel Elevation, 365 days, 19,259M, 704F, cow index 1277, class. 84 good plus. Sire-Jemini.
* Born Dec. 8, 1980 Dam-Sachse Elevation Gent, 351 days, 25,430M, 1035F, cow index 917, very good 87. Sire-Jemini.
* Born Oct 15, 1981 Dam-Jack-Home Type Leader, 305 days, 16,798M, 610F, class. Very good 85. Sire-Persuader.
* Born June 4, 1980 Dam-Hostetler Elevation Apple, 305 days, 18,497M, 789F. Class. very good 85 Sire-Engamer Ivanhoe Jerry.
20-25 reg and grade heifers.
Milk records up to 18,000 and 600 fat.
Eli J. Hostetler & Son
RD 1 Box 95
Turbotville, PA 17772

FOR SALE
Purebred Registered Arabian Horses
WOODBRIDGE FARM
York Co , PA
717-235-4534

JEN-AIR ACRES



REG. QUARTER HORSES
Horses For Sale
Stallion Service
R D 2, Box 179
Berks Co
Bernville, Pa 19506
215-488-6914

FLOCK OF 64 SUFFOLK SHEEP FOR SALE
ONE OF THE OUTSTANDING FLOCKS IN LANCASTER COUNTY CONSISTING OF 62 HEAD OF EWES AND 2 RAMS
6 Yearling Ewes
8 Two Year Old Ewes
6 Three Year Old Ewes
42 Ewes Ranging from 5 to 8 years
2 Registered Suffolk Rams
ALL EWES ARE OUT OF REGISTERED STOCK AND WERE RAISED BY OWNER EWES ARE BRED FOR DECEMBER AND JANUARY LAMBING
REASON FOR SELLING FLOCK OWNER IS RETIRING FROM FARMING FOR MORE INFORMATION CONTACT
Donald L. Parmer
RD #2, New Holland, PA 17557
Phone 717-354-0909

HORSES & MULES

Pennsylvania Draft Horse & Mule Association Sale
February 17, 1982
Blizzard date - February 18, 1982
Pennsylvania State Farm Show Building - Corner of Cameron and McClay Street, Harrisburg, Pa.
Tack - 9:00 A.M.
Horses - 12:00 Noon

TERMS - Tacks and Draft Horse related items - 10% with Maximum Commission $50.00.
Horses - $25.00 to accompany consignment.
If no sale - no refund. 4% commission - Maximum comm. $120.00.
$25.00 entry fee to be deducted from commission.
Catalog Deadline Jan. 1, 1982
Consignments will be accepted until 10:00 A.M. February 17, 1982.
Horses will be sold in order of consignment.
Negative Coggins Test and Health papers within 6 months must accompany horses.

CONTACT

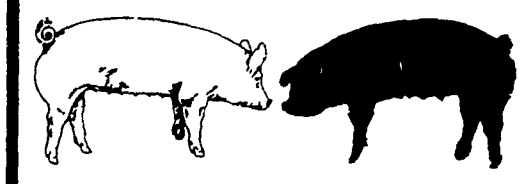
Elmer D Lapp
Box 97 R D #1
Kinzers, Pa 17535
717-768-8177

Gail Biddle
Box 242 R D #1
Boalsburg, Pa 16827
814-466-6215

W. David Keller
R D 2 Box #1
Hummelstown, Pa 17036
717-566-0529

Abraham W Allenbach
R D 2 Box #55
Springs Mills, Pa
814-422-8393

YORKSHIRE BOARS - DUROC BOARS



Sale Report. 20th Production Sale
- High selling bred gilt. "Charlie Hustle" daughter C $625. Bred gilt average $376
- High selling boar "Lexington" son C $585 to Ed Huntzberger, Elizabethtown
Yorkshire boars average $345
Duroc boar average $366
- High selling open gilts. 5 head C $235 to Harry G. Kreider, Quarryville.
Yorkshire open gilts average $175
Crossbred open gilts average $166
89 lots total $26,815 average $301

Approx. 100 boars available at all times
Priced $300 - $500
BOARS AVAILABLE
3 Yorkshire - immediate service. 8 April boars, 6 May boars, 35 June boars, Duroc 15 June 20 July. Val. #101 PRU #53.
We will be delivering boars to PA Farm Show daily. Call early for best selections.

Free delivery in Lancaster County most Mondays.

We are located 30 mi. from Lancaster, 10 mi. from Farmer Boy Ag, 1 mi. from Tri-County Swine Systems

Call or Write

Yorkshires	Durocs
Leon L. Arnold	Lawrence Arnold
Rd 7 Box 705	1245 Cumberland St
Lebanon, PA	Lebanon, PA
717-273-5380	717-272 9827

Next Sale February 13th

SWINE

For Sale
Duroc and Landrace Boars
from production tested sires **Crossbred gilts** from Landrace or Yorkshire sired litters Crossbred litters maintain a 9 plus weaning average over 400 litters per year
Dutch Valley Farm
Rd 5, Box 428
Manheim, PA 17545
717 665 6220 Mark
717-665 2588 John

Yorkshire Boars and open gilts, breeding age and younger Miller Yorkshire Farm, Rd 1 Box 1366, Spring Grove, PA 17362 717-225-1926

SWINE

Chester white and spotted boars and gilts for sale Delivery available James Parlett, RD 2 Airville, PA 17032 717 862-3610.

10 Yorkshire bred gilts due to farrow Nov & Dec Miller's Yorkshire Farm, RD 1 Box 1366, Spring Grove, PA 17362 717 225-1926

For Sale eight bred sows will farrow last week in Dec to first week in Feb York and Hampshire cross $250 Hampshire and York Boar year and half old $175 York County 717 235 1437

SWINE

For Sale Boars Hampshire and Berkshire boars Service age, delivery available 215 285 6582 Call after 4 P M Terry Bennecott

For Sale - purebred spotted service age boars, delivery available 717 365 3234 Clair Hartman, Gratz, PA

For Sale Duroc service age boars, sired by Midwestern bloodline Fast gaining, aggressive breeders Pseudorabies free herd #34, validated #133, delivery can be arranged Rick Pfautz, Stevens, PA 215 267 3739

SWINE

Registered Hampshire, Yorkshire, Landrace Boars, Bred and open Gilts, also Rams, Ewes Preston Bankert 717 244 1244

For Sale Purebred Yorkshire boars, bred gilts and open gilts, carcass championship bloodlines Willow Glen Farm, R2, Strasburg, PA 717 786-2562

Reg Yorkshire Boars, Bred Gilts, and Open Gilts Will deliver Red Run Farm, RD #2 East Berlin, Pa 17316 717-292 4634 York Co

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SPECIALIZING IN UP-TO-DATE DESIGN & QUALITY CONSTRUCTION OF HOG CONFINEMENT SYSTEMS.
We also manufacture Confinement Equipment and handle a full line of products for today's swine industry, including automated ventilation, feed handling and manure handling systems.

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PHONE 717-274-3488 LEBANON PA.
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WE SPECIALIZE IN THE LATEST AND MOST MODERN DESIGN IN BUILDINGS AND EQUIPMENT FOR HOG CONFINEMENT
★ GESTATION ★ FARROWING
★ NURSERY ★ GROWER ★ FINISHER
★ COMPLETE AUTOMATION FOR WATERING, FEEDING, VENTILATION

5 hog feeders, rectangular, 16 compartments, 1490 lb capacity No top lid or doors Brand new, $275 each Not on premises but call Lancaster Agway 717 394 0541

Ritchie heated nipple hog waterers, new, never used, best offer, 301 836 1694 Harford Co , MD

Farmer Boy model 70 hog shelter with pen divider, weather guard and 16 hold Smidley feeder, used 1½ yrs , very good condition, 717 682 3071 after 6 p m

Ag-Star sow castle, 6 crates, 4 nursery pens, 6 ton bin, used 1½ years, exc shape, Lancaster County 215 593-2444

POULTRY & SUPPLIES

Wanted-Heavy hens
We buy, sell and haul all kinds of poultry Yank's 215-494-4578

BABY CHICKS Hubbard Leghorns, Golden Comets, Sex-Sal, Hy Line Leghorns, Barred Rock, White Rock, Reds and 10 other breeds Also turkeys, ducks, geese, guineas, and game birds CASE HATCHERY, 79L Brodbecks, Pa 17308, 717 235 2050

ARTIFICIAL BREEDING

100 units Vincent View Molly Chief semen $25 00 per straw Any amount Call after 6 P M 215 948 6273

10 ampules Ivanhoe Star at $70 each 20 of Vincent View Molly Chief, $30 each 5 of Whittier Farms Apollo Rocket, $25 each 717 768 8318

IO State Ford $24 Paclamar Astronatu $52 Carlin Bell $55 Giltex Milkmaster $55 ACKLEE Moneymaker $35 Wapa Conductor $35 Many other popular bulls available Wanted Ivanhoe Elevation and Kit Builder 814 793-4202

ARTIFICIAL BREEDING

6s RORA Elevation
3s Quality Ultimate
15s VV Molly Chief
10s Superior
7s Arlinda CAR Dairyman
10s Lucky Royal
10s Rocby Apollo Fawn Honor
20s Stardom Bootmaker Mannix
3s EP Tippey
60s Olympic View B Maverick
301-374-4134
After 7 P M

FEED & SEED

For Sale Bright Wheat straw, will deliver Stump Acres, York Co 717-792 3216

Wanted Ear corn, good iquality only Will pickup at your farm Ken Miko, RD 3, Schuylkill Haven, Pa 717 739 4586

For Sale Oyster shells, Contact Nelson Weaver & Son, Inc , Lititz, PA 717 626 8538

Red coat and Titan seed wheat cleaned and treated Stump Acres 717 792 3216 York Co

Wanted Alfalfa, clover, mixed and Timothy hay, top quality only Pay at your local scale Fred Messling, 15 Glen Ave Phillispburg, NJ 08865 In business 31 years 201 454 8259

Shelled corn for sale 412 794 3863

Wanted to buy corn Strohecker Farms Inc 717 692 3867

For Sale Special trailer loads Peanut Hulls, $28 ton plus transportation Suffolk, Va , immediate delivery Bomberger's Store 717-665 2407

POULTRY & SUPPLIES

For Sale Chicken nests & hanging feeders & outside feeders Also stanchion jacks, Elam P Kauffman, Box 125 RD 2, Honey Brook, PA 19344

For Sale - 30 case Egg o Matic grader and Seymour speed pack and Featherlite washer, exc cond , been running, $3000 or best offer 717 569-4763

For Sale 250 red pullets $3 65 each Ready to lay Call 215 445 5461

Jamesway 5 tiered brooder, 500 chick capacity, exc cond , $200 W H Bates 215 459 3212 let ring

NEW LOW PRICES. Egg cartons, misprints when available $15 - 1000, New Cartons $38 1000 717 665-5927 or see Eddie

Sell direct to us for cash.
* Fowl
* Pigeons
* Bantams
* Pullets
* Capons
* Rabbits
* Guineas
* Chuckers
* Turkeys
* Lambs
* Goats

JACK MINTZ POULTRY
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— PROFITABILITY —

FOUR HYBRID LINES TO CHOOSE FROM
(We Deliver Direct From Farm)

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CALL DAY OR EVENING

EAST COAST HOG SERVICE
409 Clay Road
Lititz, PA 17543
717-626-6566

Yorkshire feeder pigs, castrated, large white Ducks Juniata County 717 444 3996

PUREBRED HAMPSHIRE BOARS
PRV Negative Tested
Stauffer Homestead Farms
Rte 2 East Earl, PA
215-445-6209

DUROC & SPOTTED BOARS
Duroc, Spot, Crossbred Gilts
(Delivery available)
BOURBON SPRINGS FARM
R2, Newville, Pa 17241
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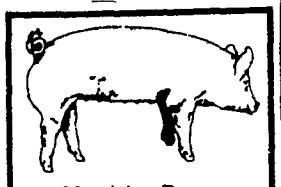

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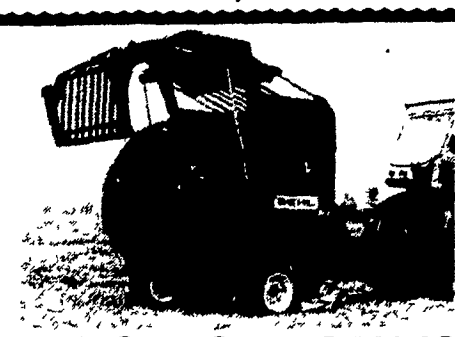

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'81 MERC COUGAR XR7 2 Dr Cpe 6 Cyl AT PS PB Stereo Tapedeck Spd Control Split Frt Seat Half Vinyl Roof AC Etc Used 7 594 Mi Stk 1596 **$7299**

JAGUAR—TRIUMPH MG—SERVICE

'77 MGB Convt 4 Cyl 4 Spd Man Trans Man Str, PB Styled Whls FM Etc No Air Cond 57,235 Mi Stk 5362 **$3699**

CORVETTES IMPORTS & SPORTS

'74 OPEL MANTA 2 DR CPE., STK 7568

'77 VW RABBIT 2 DR HATCHBACK, 9124

JAPANESE IMPORTS
— USED —
DATSUN, TOYOTA, HONDA

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AMERICAN MOTORS

'74 HORNET 4 DR WGN., STK. 8483

'76 PACER 2 DR. HATCHBACK, STK. 1318

ANY NEW MODEL COLOR, EQUIP NOT IN STOCK WE WILL TRY TO FILL YOUR ORDER AS SHIPMENTS ARRIVE OR FACTORY ORDER IT

HELP WANTED

Area Sales Manager position Aggressive, creative & highly motivated person to sell field bottom unloading silos in 16 County area Prefer Bedford Fulton Co residence as this would be the center of the area Must have agricultural background & have at least 10 yrs of successful selling of agriculture products Pay & benefits commensurate with ability, experience & productivity Reply to Box 366 JH 137, c/o Lancaster Farming Lititz, Pa 17543

Working Farm Manager Good dairyman, crop production House and benefits Reply giving experience and references Mifflin County Commissioners, 20 N Wayne Street, Lewistown, Pa 17044

Experienced herdsman with help preferred for 200 cow modern dairy operation, good wages and benefits 301 874 5229

Dairyhand, general farm work Good dairy cowman House and benefits Reply giving experience and references Mifflin County Commissioners, 20 N Wayne Street, Lewistown, Pa 17044

EXPERIENCED MILKING HERDSMAN NEEDED
for freestall operation of 260 cows & heifers. Prefer experience in A I., herd and calf health, housing provided. Salary negotiable. Prefer Christian family immediate employment.
Lancaster County
717-665-4189

HELP WANTED

Wanted - Christian couple to help manage a modern breeding kennel in Chester Co Beautiful country setting Work 6 days/week, Blue Cross/Blue Shield, new 5 room apt w/utilities along w/all eggs, milk and meat included Salary $800 per month Top references required Only non smokers need apply 215 933-3600

HELP WANTED

Experienced person to work on dairy farm, help with milking and general farm work, house provided Middletown area Write to Lancaster Farming, P O Box 366 R 81 Lititz PA 17543

Person with management ability for registered Holstein herd House, etc Experience and references 717 464 3752

WANTED IMMEDIATELY
Married man for progressive Holstein Dairy Farm in Northampton County, Pa. Experience preferred, but will train the right man. 100 cow free stall, milking parlor operation. Equal time spent with cows and crops. Excellent compensation. Benefits and housing. References required. Call after 7 P.M. 215-588-8447

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Available For Immediate Employment
Landscape Center, Leola
P-T HOUSEKEEPER - light cleaning of offices. 3 days-week (9-12 AM)
F-T SECRETARY - general secretarial duties - typing a must. (Begin employment in mid-January)
Apply At:
Stauffer's Landscape Contracting Center
360 W. Main St.
Leola, PA

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Sales manager to train and supervise field sales force engaged in selling bottom unloading silos, liquid manure systems & farm automation.
Salary, expenses & commission.
Call or Write for Confidential Interview.
Russell Darkes Jr.
Penn Dutch Farm Systems, Inc.
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Lebanon, PA 17042
717-273-9324

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Imagine 50 channels on your set" easy, reasonable Regional directors needed,now!! "FREE BROCHURE" American Wholesale Satellites Box 448 Stone Mt , GA 30086

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Red Stone Farm
RD 5 York, PA 17402
717-266-2867

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Job wanted on a beef farm Knowledgeable of farm machinery or a large dairy farm Call for information 215 445 7489

Manager seeks position in farming and/or Agribusiness Experienced in all phases of purebred and commercial cow/calf herd management, pasture, haying, and corn production Special talents include efficient organization and management of personnel B S Animal Science Call 703 953 1828

Responsible young man with mechanical ability, welding experience, seeks position on dairy farm 814-364 9987 or write Box 138, Boalsburg, Pa 16827

Married person w/family desires work on beef, hog or general farming Also experienced and willing worker Call after 7 00 P M 717-465-7416

"NEW DUTCH IMMIGRANT with 20 years experience in tobacco, soybeans, cotton, cattle and general farming, seeks employment anywhere Reply J Smit Indian Trails Milford PA 18337 c/o General Deliveries Phone (717) 686-1545 "

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Young experienced person w/small family wishes to manage crop farm in Pennsylvania Experienced in all aspects of field work and related areas Welding, Mechanics and etc College education Also seed dealer Needs good salary and house Recommendations available
Send replies to
Lancaster Farming
P O. Box 366 J-205
Lititz, PA 17543

Manager/Salesperson

Wanted for retail farm equipment dealership Paid vacations and hospitalization, major medical life, dental and disability coverage Salary negotiable

Send resume to Lancaster Farming P O Box 366 R-82, Lititz, PA 17543

TRUCKS & TRAILERS

HELP WANTED

Wanted Christian couple to work on modern dairy farm with milking parlor Must have experience and reference House on farm Chester Co Write Box 366 J204, c/o Lancaster Farming, Lititz, Pa 17543

Help Wanted Interested young person for a Herdsman field position Call 215-298 2417 for an interview

TRUCKS & TRAILERS

For Sale 16 enclosed wood cattle body Steel diamond plate floor Ideal for truck body, storage or stable etc 717 866-4185

JEEPS government surplus, listed for $3196, sold for $44 For info Call 312-931 1961, ext 1270

1974 International 1800 5/2 trans , air brakes, PS, V 8, 24' Schwartz power deluxe roll bed $12,000 Trades Accepted
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Rt 22 Grantville, PA
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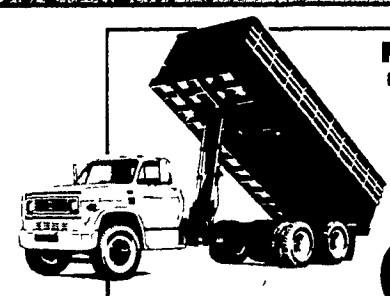
1978 Ford ¾ ton stake body, 25,000 miles, exc cond , no pollution equipment on engine, make offer 717 872 7670

For Sale 1978 GMC 1 ton crew cab pick up truck 4 speed 9000 GVW Call 717 273 7394 evenings



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1980 Ford Bronco, 6 Cyl., 4 Spd., PS, PB, AM-FM, 8-Track, 9,000 Miles $8495
1980 Chevy Scottsdale Shortbed 350 V8, Auto., PS, PB, AM/FM, sliding rear window lock-out hubs $7895
1979 Ford Bronco Ranger XLT, 351 V8, 4 Speed, PS, PB, Lockout Hubs, 16,000 Miles, Spoke Wheels, 2 Tone Red & White $7995
1979 Ford F150 Super Cab, 400 V8, 4 Speed, PS, PB, Lockout Hubs, 6400 GVW, 34,000 Miles. $7495
1979 Ford 150 Custom, 351 V8, Auto., PS, PB, Air Cond., AM Radio, 35,000 Miles. $6995
1979 Dodge Club Cab Short Bed, 360 V8, Auto., PS, PB, Air Cond., AM-FM, Adventurer Package $7495
1979 Subaru Brat, 4 Cyl., 4 Speed, AM-FM, Rally Wheels, 1 Owner $5895
1979 Jeep Cherokee Golden Eagle, 360 V8, Auto., PS, PB, Air Cond., Tilt Steering Wheel, Cruise Control, AM FM & CB $6495
1979 Ford Bronco Ranger, 351 V8, Auto , PS, PB, Air Cond., AM-FM Stereo, Lockout Hubs, 32,000 Miles. $7995
1978 Ford F250 Ranger XLT, Crew Cab, 400 V8, Auto , PS, PB, Air Cond , Tilt Steering, AM-FM & Cassette, Lockout Hubs, 35,000 Miles, 6½ Ft Bed. . $7895
1978 Chevy Blazer, 350 V8, Auto., PS, PB, AM Radio, Posi-Rear, 2 Tone Paint, White Spoke Wheels $5995
1977 Jeep CJ-5, 304 V8, 3 Speed, Lockout Hubs, Hardtop $4995
1976 Chevy C-10 Custom, 350 V8, Auto., PS, PB, Air Cond., AM-FM & Tape, Cap, 39,000 Miles, Very Nice Truck! $5295
1976 Ford F100, 360, 4 Speed, PS, Lockout Hubs $4495
1976 Jeep CJ10 Pick Up, 360 V8, A, PS, PB, AM Radio, Cap, Quadra Track. $3995

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1980 Ford E150 Cargo Van, No Windows, 6 Cyl., Auto., PS, PB, AM Radio, Long Wheel Base, 27,000 Miles $6495
1977 Dodge Maxi Window Van, 318 V8, auto , PS, PB, radio, 42,000 mi $4295
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1973 Chevy C65 10 Wheeler, 56,000 GVW, 427 V8, 5 Speed, with 4 Speed Aux. Trans., 76,000 Miles - A Real Worker 11,900

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1977 Ford F750, 18' Box, 391, V8, 5 Spd., 2 Spd. Rear Axle, PS, w/Air Brakes, 10x20 Rubber, Twin Fuel Tanks, 23,000 GVW . . $6995

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1979 Ford F250, V8, Auto., PS, PB, AM Radio $5295
1979 Ford Ranger F100, 302 V8, A, PS, AC, AM-FM Radio, 17,000 Mi. $5995
1979 Ford F150 Custom, 302 V8, A, PS, PB, AM-FM, Radio, 17,000 Mi. $5695
1979 Chevy C20, Crew Cab, 350 V8, A, PS, PB, Air Cond., AM Radio, 34,000 mis. $6995
1978 Dodge D150, 318 V8, A, PS, PB, Air, AM Radio w/CB, 2-Tone Paint $5495
1978 Ford F250, 400 V8, A, PB, AM Radio 6800 GVW $4995
1978 Chevy C-20, 6 Cyl., Auto., PS, PB, AM-FM Stereo & Tape $4995
1977 Ford, 6 cyl., stick shift, PS, radio, 27,000 mi., like new $4495
1977 Ford F150 Ranger, 351 V8, auto., PS, PB, AC, AM/FM, 2 tone grn $4995
1977 Chevy C-20, custom 350 V8, auto., PS, PB, AC, AM radio, sliding rear window, 43,000 mi. $4895
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1976 Ford F150 Custom, 360 V8, Auto., PS, PB, Air Cond., AM Radio $3995

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"THE TRUCK PEOPLE"
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TRUCKS & TRAILERS

970 Case w/enclosure and heater, like new, low hours, $16,000 930 Case Comfort King diesel w/cab, $6,500 995/6 David Brown, $7,500 995/6 David Brown, $6,500 1200 David Brown, $5,500 2600 Ford Diesel w/front loader, new cond , $7,500 717 435-2921

Ford 700 1969 with 24' Grove rollback $5500 A good cheap truck 717 265 9014

Energy Hyd truck hoist Sales & Service An derson's Repair Shop, Rd 1, Felton, PA 717 244 2039

For Sale 1970 Ford F1000 with sleeper, 250 Cummins engine with 10 speed, tandem axle, $3900 1970 Ford, rebuilt gas engine, single axle, $2900 717 866-4906

For Sale - 12' used steel cattle body 21' used wood cattle body Used 24' aluminum livestock body, used 18' aluminum livestock body Both aluminum bodies in ex cellent shape M H Eby, Inc , Blue Ball 717-354-4971

40' van open top trailer w/24" drop deck 10 00 x 20 tires Excellent for hay, straw or shavings etc 717 354-4174 days 717 393 7452 eves

Cherokee & Rawhide stock trailer, dump grain trailer, farm flat beds & horse trailers Gooseneck & bumpers available 201 782 8771

1971 International 1700 Loadstar 345 V 8 16' Midwest grain dump Good condition $6000 or best offer 215 593 5345 Chester Co

Gore Livestock Trailer 7½x20' Gooseneck, good cond , w/new tires $3200 301-835-8587

65 GMC 3500, with Tylor fertilizer box, center unload, excellent V 6, new front tires, cab has rust $800 717-529 2126

1977 Chevy 20 350 engine P S Auto, Good condition 717-529 2538

For Sale - International 65 Transtar with flatbed dump 717 896 8728

Used Truck Tires - 10x20 bias and 11x24 5 radial tires Ideal for trailers, approx 50% rubber, $60 80 717-859 3161

Truck bodies New and used Call for prices and availability J R Opp Co , R D 1, Muncy, PA 17756 717 546-3397

1968 White 270 Cum mings, RTO 915 trans , 38,000 lb rears, $3000 Northumberland Co 717 425 3697

2 good International trucks for sale "1600 Cabover" (5 speed, 2 speed-axle, long wheelbase) w/18' grain and cattle body and telescope hoist (hoist barely used!), excellent rubber, good condition!! "1500" automatic shift w/nearly-new rubber, duals, and 12' aluminum van body w/overhead door Will take cattle or what have-you in trade!! Call 607-776-3478 for details

'74 Shoop 4 horse gooseneck trailer, 6'6" high, removable partitions, heavy duty, exc condition, $2000 Lanc Co 717-442-4259

1960 International 200 truck, 5 + 2, air brakes, could take 60' body $1000 302 492-3287

20' steel bed and 22 ton hoist for trucks, removable 30" steel sides 717-682-3495

1976 Chevy cab & chassis, Long wheel base tandem w/318 Detroit, 13 spd , 38,000 rears, 16,000 front 22' of frame behind cab 717-253-3338

6 cylinder Int Truck engine, rebuilt $250 301 795 9631

RECREATIONAL VEHICLES

Metal shaper 26 Gould & Ebehart '66 Dodge pick up with camper, '48 Plymouth coupe delux must sell 717 244 0883 717 741-0088

TRUCKS & TRAILERS

For Sale 1972 45'x12'6' Brown smooth side van trailer side door, slider, 20" tires 1971 45'x13'6" Gindy van trailer, slider, 20" tires, 3 low cost flat trailers for hay or grain, storage trailers for sale or rent Keens 717 626-5420

For Sale 1967 GMC pick-up Location New Cumberland, PA 717-774 4413

For Sale 1972 GMC cattle truck, 14' Hostetler bed 4500 series Also 4 international truck rims 814-766-2723

PETS

Doberman and Rottweiler Wonderland, over 100 puppies and adults for sale Champions at stud 215 933 3600

Must go Purebred border collie pups for sale 717 626 4840

Australian Shepherds ASCA Registered Blue, Red and Black Tri Whelped 9 27 81 Working bloodline Will be excellent for herding cattle Good companion dog Centerville, MD 301 758 2749

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NOTICE Truckload Tools Sale Fri and Sat , Dec 4th and 5th 20 70 percent off Leroy B Esh Hardware, Intercourse 717 768-3681

TRUCKS & TRAILERS

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LANCASTER
1710 Rohrerstown Rd.
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YORK
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USED TRUCKS

EXCEPTIONALLY CLEAN AND WELL MAINTAINED

1977 FORD ECONOLINE E250
300 cyl engine, auto trans. radio, new paint.

1976 & 1977 CHEVROLET 12' STEP VANS P30
Matched Fleet - Will sell one or more, etc., 350 V8 engine, 4 speed transmission, dual rear wheels, aluminum bodies, with or without new paint

1975 CHEVROLET 20' & 22' VANS TE67
with or without lift gates, 366 V8 engine, 5 speed or automatic transmission, power steering, radio, new paint.

1976 FORD 14' REFRIGERATED VAN LN7000
175 HP Cat engine, 5 sp. - 2 sp. trans., 1000x20 tires, dual 50 gallon tanks, XMG-20 Thermo-King unit, new paint.

USED TRACTORS

1975 CHEVROLET Titan 90
Tandem axle diesel sleeper, 318 Detroit engine, 10 speed transmission, PS, AC, with or without new paint.

1976 PETERBILT 352S86
Tandem axle diesel sleeper tractor, 350 Cummins engine, 13 speed transmission, power steering, A/C, overhauled

1977 GMC JC 9640
Tandem axle diesel, conventional cab, NTC 290 Cummins engine, 10 sp trans., 38,000 rear axle, PS, AC, low mileage

1977 Ford LN 9000
Single axle diesel, conventional cab, 238 Detroit engine, 10 sp trans., PS, AC, Air Shield, just overhauled, with or without new paint,

Complete maintenance records available for inspection. Other makes, Models & types to choose from.

AUTOMOBILES

1977 Plymouth Fury wagon, 360 engine, p steering, p brakes, cruise auto clean, $1895 Phone 717 776-3389

Wanted - 1955 Ford van parts and motor needed 201-291-9371

1947 Ford Coupe, good cond , $1,400 1964 Chevy Bel Air, exc cond $700 717-435 2921

AUTOMOBILES

1973 LTD Ford, 4 door, auto trans PS/PB, air, good running cond $400 Lebanon Co 717-838-1434

For Sale - 2 rims for 18 5x14 tires Rims are from a 1965 Chevelle Call 717-898 8969

1976 D-200 Club Cab ¾ ton Real Nice
1982 D-150 Miser 21 & 29 EPA
1 - 1982 Marida Low Mileage - heather 6 cyl. fully equipped SAVE
1981 B-350 Maxi Van 15 Passenger, 8000 mi. Like New

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Route 230 East Next to Shopping Center
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PHONE 717-367-1808

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For Sale - English Springer Spaniel pups AKC Liver and white Black and White Males/Females Shots, wormed Good hunters Good pets H J Bicksler, 717 838 4340

WANTED TO BUY

Broke dependable Foxhound that will not run deer

Suitable to train a young dog.

Call 717-463-2842 5 P M - 8 P M.

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WANTED TO BUY

Puppies, 6 to 9 weeks old, in litter lots Pure breeds and half breeds Cash money paid Will pickup every Wednesday For resale in my pet shop Write to Charles Hackett, 3743 N 5th Street, Philadelphia, PA 19140 or call between 12 noon & 6 p m Mon , Tues & Thurs only 215-229-0449 Give breed-age-color when writing Also some kind of direction Thank you

Chain Link Dog Kennels
Insulated Dog Boxes
Chain Link Gates (Any Size)
— Reasonable Prices —

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PETS

Tame Ferrets Smart, lovable housepets Ra-coon faces, Great mousers Eats meow mix $60-$75 Ferret book $5 00 717 349-7610

NEED PUPPIES

Will purchase in litter lots and pickup at your farm or kennel.
Breeding stock for sale.
Call 609-779-1660
Eves, 609-327-3880

MISCELLANEOUS

MISCELLANEOUS

WANTED TO BUY CASH BUYER OF STANDING TIMBER

Specializing in white oak, white ash & walnut timber.

GUY SEXTON LOGGING CO.
RD #1, Willow Street, Pa.
717-284-3200
717-393-2771

PUPS WANTED

Agent Wanted

I would like to contact someone in York, Adams, Franklin and Cumberland Co. to buy pups from me. For details, contact me in person only. Excellent part time job for the right person.

I need good healthy, clean, pure & mixed breeds 6-8 weeks old. Offering extra high cash prices. Baskets of cash waiting for you!

*** Specially Needed ***
Boston Terrier Pups - $75 each - As well as Collies & Shepherds

Root's Farmer's Market
RD 1 Manheim
Tuesday's 5 PM - 8 PM

P.S. $100 prize for the cutest pup purchased Tuesday, December 8

Factory fresh cedar chest kits, oak flooring, plywood Phone Tom Hostetler 717 539-4091.

FOR SALE - New and used automatic washers, dryers, gas and electric refrigerators, ranges, used wringer-engine washers, new bedroom furniture Open 7 30 to 4 30, Saturday, 7 30 to 12 00, evenings by apointment Myer's Washer Dryer, Rt 772, between Brownstown and Leola 717-656 7169

Wanted - Paper contents of old business files or warehouses Quick cash and fast pickup 717-393-4336 evenings

Originating farm loans for a major insurance company, $250,000 minimum Other types of loans available Mr Read, answering service 717 569 6428

DRUMS & BARRELS New and used plastic steel and fiber Fresh empty wooden barrels for wine & cider Local and Long distance delivery Reliable Recyclers, Inc 114 S Maple Ave , Leola PA 717-656 4211

Chimney flue furnace Save up to 33% of your heat that escapes out your chimney Amos Stoltzfus ½ mile west of Reistville 717 949-3147

Full or Part Time
Need dealer in this area selling my pure Aloe Vera Herb Health Juice, Phone 717-859-2531, Address 44 Third St., Akron, Pa 17501

Nature's pure Aloe Vera Herb Juice and Capsules for arthritis, low energy, overweight, high blood pressure, ulcers Phone 717-859-2531 guaranteed (Guarantee is product quality only)

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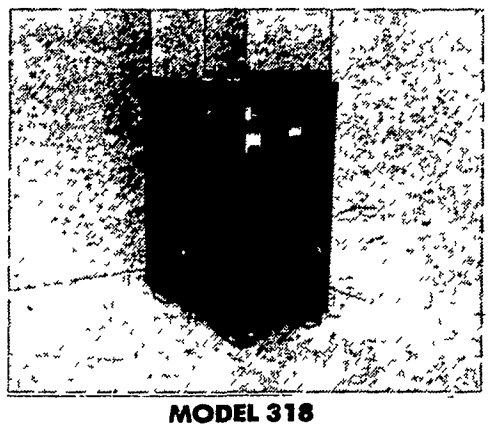
For Sale Hobart 300 amps generator mig welder, 3 phase, 220 or 440 volts 717 935-2056

friction heater

U S PATENT NO 4 143 639
CANADIAN PATENT NO 826 557



MODEL 318

DESIGNED TO HEAT A PROPERLY INSULATED 3000 SQ. FT. HOME
ELECTRIC USE IS 3.75 KW PER HOUR

HEDSTROM/POWELL Inc.,
Des Moines, Iowa
Company Representative - Irvin Z. Seibel

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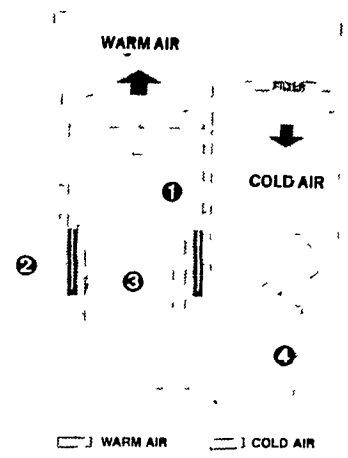


THE HEATER IS DESIGNED ON THE SIMPLE PRINCIPLE OF FRICTION, THAT IS, THE FRICTION IS TRANSFORMED DIRECTLY INTO HEAT

THE FRICTION IS CREATED BY A CYLINDRICAL SPINNING ROTOR 1 THAT IS CENTERED IN A STATIONARY OIL FILLED CAVITY 2 THE OIL TO ROTOR CONTACT DEVELOPS THE FRICTION NECESSARY TO PRODUCE HEAT THE ROTOR IS POWERED BY A 220 VOLT 3 HP MOTOR 3 HEAT IS FORCED UP AND OUT BY A SELF CONTAINED 110 VOLT ¼ HP FAN UNIT 4

Call for Dealership 717-548-2896
Call for Sales 717-738-2138
215-696-1703 717-726-6127

MISCELLANEOUS

For Sale Lumber 2"x4"x8', 2' x4"x12', 2"x6" from 12' to 18', 2"x10" from 12' to 18' George B Leid, East Earl 1, PA 17519

4 burner bottled gas stove, ideal for country home or deer camp Make an offer Call 717 626-8078

Generator 46 KW, 110-208-220-3PH, 6 cyl diesel, turbo charged, exc cond Radial arm saw, Dewalt 22", 10 HP 201 431-0391

For Sale - New tobacco baling boxes, Minnich type Samuel J Stoltzfus, 2870A Church Road, Bird in Hand, PA 17505

Award Winning Coca Cola Cake Delicious! Melts in your mouth! Try it! Fantastic Holiday Dessert Recipe $1 25 SEE, Box 6401, Canton, OH 44706 0401

Wanted - Firewood Market Buyer must load and haul Bids based by the full cord 717-254 6558 Or mail bid to Mike Simon, RD 1, Jermyn, PA 18433

Storage Space for Rent Mtrcycls $10, cars $15, boats, campers 18' $15' $2 00/ft /mo Lancaster County 717 872 4348

Kohler 10 KW electric plant, 4 cylinder diesel, street sweeper-tow type, water truck set for washing streets 2000 gal 201-291-9371

For Sale - Used Lenox coal furnace w/blower, ex cellent, $200 Used Cast iron coal and wood space heater, excellent, $200 717 733 4346

MISCELLANEOUS

MISCELLANEOUS

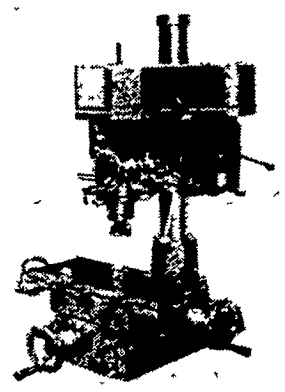
WILLIAM E. BOYER
CASH BUYER OF STANDING TIMBER

- White Oak
- Black Oak
- Ash
- Red Oak
- Rock Oak
- Poplar

717-235-4582

MILLING MACHINE

$795
Regular Price $1195
FOB York



WMC

Price includes Work light ½' Drill chuck R 8 shank Carbide Face Mill cutter with Arbor Angle Vise 1 hp single phase 110 vac motor with reversing switch A fine machine for FARM SHOP Cut keyways mill slots Drill large and small holes hundreds of uses Packed in wooden box shipping wt 440 lbs This machine in stock Write for illustrated specification sheet

Visit our big showroom Over 200 wood and metal working machines on display

WILKE MACHINERY CO.
1519 Mt Rose York Pa 17403 ½ mile west of I 83 Exit 7
717-843-4924 York
Send 50¢ for Machinery Sale Catalog

1 hot furnace with Carlin burner, $200, 2 Westinghouse built in ovens, $25 each, hot plate, $20, double drain porcelain sink, exc , $15, fireplace screen, $10 717-898 8664

For Sale Warm Morning coal stove, LP gas furnace, both in good condition 215-273 3050

Butcher block dinette set, table and 2 chairs, $60 or best offer Call 717 627 2004

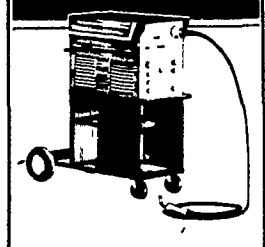
MISCELLANEOUS

WANTED TIMBER

We're looking for tracts of good quality timber.

G.H. BURKETT & SONS LUMBER CO.
Elizabethtown
PA
717-367-2791

CENTURY ALL STAR MIG WIRE FEED WELDER



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Built for Quality, Capability and Economy

- Welds aluminum or steel without expensive attachments
- Welds 26 gauge to ¼ metal with ease
- Welds in all positions — including overhead and vertical
- MIG Welding is the only acceptable means of welding High Strength Steel used in new cars and trucks

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FARMERSVILLE EQUIPMENT —INC.—

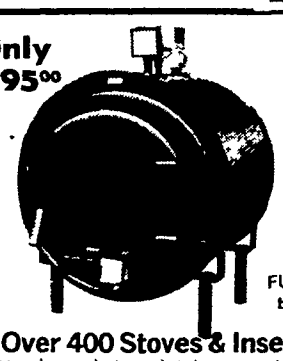
Ph. 717-354-4271

CASH BUYER OF TIMBER
Specializing in White Oak & White Ash
LAKE LOGGING

Rd 1
Holtwood, PA
17532
717-284-4900

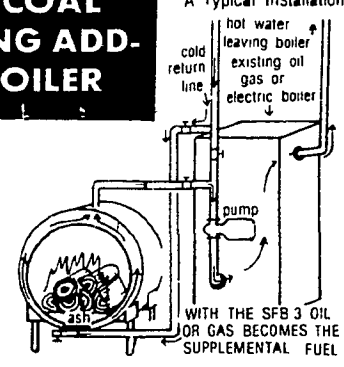
Rd 2
Denver, PA
17517
215-267-5309

Only $695.00



SFB-3 WOOD AND COAL BURNING ADD-ON BOILER

A Typical Installation


hot water leaving boiler
cold return line
existing oil gas or electric boiler
pump
ash
WITH THE SFB 3 OIL OR GAS BECOMES THE SUPPLEMENTAL FUEL

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Over 400 Stoves & Inserts in Stock

The only wood stove distributor south of New York State where you can pinpoint the finest matched efficiency ever for your own house

THERMOLATOR	RITEWAY	ALASKA
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(We must have the measurements & type of insulation on your home)

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BALTIMORE
11408 Reisterstown Rd
Owings Mills Md
Tues - Sat Noon 8 P M
301 356-3688

&

IN PA.
3 Miles N of Hanover on Rt 94
Mon - Fri Noon 6 P M
717 632-7419

"Jesus is the Joy of Living"

REAL ESTATE

For Lease or Rent good terms, 180 acre dairy or beef farm with 4 houses, 2 barns, milking parlor, freestalls for 90 cows, another 90 acres adjoining can be purchased, Harford Co 301-452-8452

For Sale - 110 acre farm, Lykens Valley, Dauphin Co possible financing available 717 362-9233

For Sale or will trade for good dairy of cows of equal value 22 acre farm, good 1 story house, 10 yrs old plus 2 barns in fair condition and spring and stream, located in Wayne Co PA 315 684 9243

REAL ESTATE

166 acre dairy farm in Cambria Co 46 stanchions and 2 silos Large frame house Sold milk to Grade A Marked Call Frederick H Evans 814 472 7239

FOR SALE OR LEASE PURCHASE
50 Acre Poultry Farm in Perry County, PA 35,000 layers, 4 year old completely automated chicken house Large bank barn with stables and riding ring New Alcohol still Remodeled log home Additional income possibilities and development potential
CENTURY 21
WALAK ASSOC
Phone (717) 763 7991

MISCELLANEOUS

Top buggy w/storm front Rte · 625 North end of Bowmansville, Lancaster Co

Wanted to Buy Used windmill - need not be in working condition Call anytime in evening Lancaster County 717 786 7150

Fisher Mama Bear woodstove w/flame baffle, $250, w/pipe brush, etc , $295 717 872-7670

Kerosene Drums New & Used 5 to 55 gal Sizes 717-656 4211

Large hot air, oil fired furnace with 2 275 gal tanks, $300 complete or $150 for each tank and $50 for furnace 301 635 2135 or 635 6525

7' Myer snowblade w/hydraulic cylinder and mount, used only two hours Adams Co 717 677-8715

Like new 10' Myers snowplow, hydraulic angle w/frame and light, $1,800 New 78' snowplow, 3 pt hitch, $1,494 717 435 2921

REAL ESTATE

7+ fertile acres farmland commercial, house/store, paneling, volume well, barn, shed, 1100 adjacent Rt 13 Canterbury, south of Dover, Delaware, U pick, livestock, home sites, stores, horse/tractor opportunities $3000 yearly rental Suggest purchase price and payments, subject to approval Mulch Layer/Transplanter Dealer/Owner 609-881 7023 early morning, late evening Friendly Phil Gardiner, Glassboro, NJ 08028 Clip & Save Ad!

FREE!

Exciting Seasonal Editions Catalog! Over 5,400 country properties described, pictured! Land, Farms, Homes, Waterfront, Recreation, Retirement buys! Yours FREE from the World's Largest!

STROUT REALTY
P O Box 773A Dept 6490
Harrisburg, PA 17102
CALL TOLL FREE
1-800-641-4266

Woodstown, NJ - 100 acre farm 215-436 8982 Principles only

For Sale by Owner 119 acre farm in Union Co 100 tillable acres equipped for beef and hogs 717-922 1410

For Sale 33 acres in central Pennsylvania bordering Penns Creek by 2280 approximate feet including 4/10 mile road frontage $50,000 717 922 1410

Wanted to Rent - Barn w/access to water and pasture for cattle Downingtown Honeybrook area 215 269 3748 leave name and number

For Sale - Potter County hunting ground, 5 acres $4,950 717 733-4346

FREE CATALOG! Describing numerous Pennsylvania farms, camps, acreage tracts, cottages, homes and businesses Write Dept LF 11, WEST - REAL ESTATE AGENCY, INC , 5528 William Flynn Highway, Gibsonia, Pa 15044

MONEY MAKING FARM

Dairy or beef cattle farm, 192 acres, Towanda, Pa area in Bradford County, 7 room & bath home with appliances, 2-car garage, 60x80 barn, 2 silos, barn cleaner, 625 gal bulk tank, dump station, shop, chicken coop, stream & pond, livestock & equipment available if desired No A 7877 WEST REAL ESTATE AGENCY, INC , Office 12 Canton St , Troy, Pa 16947, Phone (717) 297-4046 or 297 2777

FARM WITH 3 PONDS

Troy, Pa school district, beef or dairy farm, 168 acres, 80 tillable, 34 pasture, 54 in woods, spring water and 3 private ponds, 500 ft paved road frontage, 4-bedrooms & bath home, all storm windows, furnace heat, main barn with 50 stanchions, heifer barn with 20 stanchions, 3 silos, 16x20 milk house, bordering state gamelands for deer hunting, 10 minutes to state park $145,000 No B 7850 WEST REAL ESTATE AGENCY, INC , Office 12 Canton St , Troy, Pa 16947, Phone (717) 297-4046 or 297 2777

HUNTING CAMP-RETREAT

Troy, Pa area, near state gamelands, 2 bedroom & bath trailer with 2 acres, ideal for hunting camp or year around retreat $9000 No B-7809 WEST REAL ESTATE AGENCY, INC , Office 12 Canton St , Troy, Pa 16947 Phone (717) 297-4046 or 297-2777

For Sale - 133 A dairy farm, 95 A tillable Large house, barns, lake & pond on property York County Delta Area 717-394-6334

REAL ESTATE

Wanted to Rent - Farmland Write P O Box 444 Federal Square, Harrisburg, PA 17108

120 Acres Fulton Co , 60A tillable, 40A good stand timber, Good barn, 1000 ft road frontage Easily accessible Great hunting $120,000 J L Lutman Real Estate, Chambersburg 717 264 2949

Farms, Land, Homes, Business Locations, High Traffic Locations, woodland, pond, home sites, livestock/poultry/storage buildings, roadside markets, car lots, showrooms/garages, store, gas station, car wash Some low rentals with good potentials Some in good farming areas Some minutes from seashore casinos Some owner mortgages 10% My 5 acre beautiful farmland, fruits, nuts, holly, 10 room house, river front Clip and save ad!

Philip F Gardiner
Real Estate Broker
410 Mullica Hill Road
Glassboro, NJ 08028
609-881 7023
early morning,
late evening

Amish section of Garrett Co , Md - 15,000 capacity chicken house fully equipped and automated with cold storage and back-up electric system Also available farms, wooded land and vacation property .Holzshu Moffatt-Welch (301) 334 4025

SALE OF FARM BY UNITED STATES GOVERNMENT Farm containing 73 337 acres, approximately 58 cropland, approximately 12 acres woodland and pasture with balance in farmstead and roads Bank Barn with free stalls, trench silo, corn shed, and milk house 2 story brick dwelling with two living units Formerly owned by George E Sensenig, Jr and Deborah A Sensenig, located in Township of Londonderry, County of Dauphin, Commonwealth of Pennsylvania

BID DEPOSIT - Bid must be accompanied by cash (sent at bidder risk), certified check, postal money order, or bank money order payable to the Treasurer of the United States, for at least 5% of the total bid

RATES AND TERMS Cash, or terms of not less than a 5% down payment with the remaining balance amortized over a period not to exceed 25 years at 15% interest

TERMS OF SALE Contact County Supervisor, Farmers Home Admin 528 East Penn Ave , Cleona, Pa 17042 for appointment to inspect the farm Sealed bids are invited and will be accepted until 9 00 a m EDST, December 8, 1981, at the FmHA address, and will be opened publicly at 11 00 a m EDST the same date and place The Government reserves the right to reject any or all bids This farm will be sold without regard to race, color, religion, sex, age, national origin, or marital status

Bid Forms and further information may be obtained at Farmers Home Administration, 528 East Penn Ave , Cleona, PA 17042 Phone (717) 274 2879

PUBLIC NOTICE
THE FARMERS HOME ADMINISTRATION HAS FOR SALE, FROM TIME TO TIME, RESIDENTIAL AND/OR OTHER PROPERTIES ANY LICENSED REAL ESTATE BROKER INTERESTED IN LISTING THESE PROPERTIES SHOULD CONTACT THE FARMERS HOME ADMINISTRATION AT 528 EAST PENN AVENUE, CLEONA, PENNSYLVANIA 17042, TELEPHONE (717) 274-2879

REAL ESTATE

FOR SALE BY OWNER, 60 acre Berks County Farm Up to date poultry house for 35,000 layers (now on contract) Also good horse facilities for the serious horse breeder Farm house, 2 mobile homes, 2 wells, stream, quiet rural setting Only serious inquiries No brokers $390,000 (215) 562 7776

Wanted to Rent Limestone cropland in Carlisle Mechanicsburg area Reply to Box K 20 c/o Lancaster Farming

For Sale 92 acre farm in Union Co Stone house, new silo, all out buildings, spring in pasture, well, pond 4 miles East of New Berlin Route 304 at Dry Valley cross roads Isaac J Yoder, RD #1, Box 354, Winfield, Pa 17889

DAIRY FARM FOR SALE - 102 acres, river bottom land, approximately 80 tillable, 40 stall barn, 2 silos, large loafing pen Lewistown, PA 717 248 0839

Wanted Mennonite family desires farm to rent have own cows and machinery Call 215 678 8274.

For Sale - 150 Acre dairy farm, 5 miles East of Bethel at Strausstown, Berks County Large level square fields, dairy barn with 49 stanchions, 800 gallon bulk tank, 2 streams, pond, meadow, grain dryer with metal bins, new 22 x 65 silo, 3 other silos, large pole shed for heifers and implements, new garage, 7-room house plus bath, new furnace $2,000 per acre Phone 215 678 8274

Wanted to rent Young family with own cows and equipment looking for dairy farm to rent in the Bernville area Berks Co 717-933-8359

211 Acre Dairy, 100 tillable, 51 cow barn, 2 silos, 900 gallon bulk tank, remodeled 4 bedroom home, 1½ bath, 3 ponds bordering State Game Lands Norwich, NY 607-334 8535

109 ac Dairy farm near Chambersburg, PA 44 stanchion barn, 75 free stall barn with feeder 20x60, 20x30 Harvestore silos $290,000 Phone 717-263-4319

For Sale - Maine Egg Farm Cage layer, building 50'x262', built in 1973 All equipment, 40 acres of land, nice 3 bedroom mobile home Operating under contract Owner will finance with $30,000 down Tel 207-495 3859 Write, G Penney, Box 120, Belgrade, Maine 04197

Juniata County farm about 180 acre, two houses and barn, well and two springs Clarence Peterson Honey Grove, PA 717-734 3941

Holstein cows due to January 301-452-8509

REAL ESTATE

For Sale 108 A± approx 85 till in Mifflin Co 3½ miles W of McClure, on Rt 522 2 farm houses, barn & other small buildings $115,000 firm 20% down balance after New Year Call after 4 PM 717 374-9125

REAL ESTATE

If you're looking for a farm, land or have any other real estate needs, you'll find what you want in the Real Estate classifieds 717 394 3047 or 717 626 1164

For Sale Perry County, 1 to 8 acre woodlots, approved PH 717 438 3115

Endless Mountain Real Estate Co.

Tioga County

Land Mart REAL ESTATE

Love at First Sight!!

On 3 acres with lovely landscaping is a 2 bedroom home in excellent condition Plenty of cupboard room in kitchen & closet space in each bedroom, very attractive brick fireplace, large enclosed patio, 4x18 ft Esther Williams swimming pool with full line of equipment, two car garage much more! Call for details #216 $49,500

RD 1 Box 203-A
Covington, PA 16917
717-659-5684
Richard Chamberlain, Manager
Home Ph: 717-549-4173

Finger Lakes - New York

300 acre General Farm - Excellent buildings + 2 homes Frontage on canal and thruway - thousands feet of cross fencing. Owner financing

233 acres - 150 Tillable, 34 cow dairy, 2 pole barns, good outbuildings and home, a steal at $137,000

200 acres - 160 Tillable, silo, #1 soil (4 gas well leases), 3 ponds, 40 cow stable Priced $200,000, owner financing.

911 Contiguous acres - Excellent crop farm, #1 soils, tiled and large fields, good drainage, 780 tillable, financing Call for details.

480 acres - 65 free stalls, 62 stanchions, beautiful home, silos, good soil. Price $450,000

256 - 215 tillable, 82 conventional cow stable, best/nicest barn I have seen.

2 homes. #1 soil, $375,000 - 20 yr mtge. @ 10%.

255 acres - 200 tillable, 82 cow conventional barn & additional good basement, 40 cow stable, good home, bare $315,000 or $525,000 complete with 120 head cattle and mostly new equipment. Terms

100 acre - barns, beautiful newly remodeled home Asking $125,000.

120 acre - 100 tillable home, $117,000

Older poor home + 195 acres, priced $60,000.

374 acres, 52 tie stalls barn/completely equipped, 3 silos A dandy for $260,000

Look - Buy now for Spring take over.

Many additional farm listings.

WJW Realty
Seneca Falls, NY
A.J. Farney Broker
315-568-5910/568-9534

BERKS COUNTY

- 144 Acres
- 100 Tillable
- 24 Woodland
- 20 Meadow
- Stream
- Lg. Old Bank Barn
- Extra Large Home
- Other Out Buildings

This Farm Can Be Sold As A Whole Or In Parcels — Good Terms Available

RICH BRANDT REALTORS
2230 5th St. Highway, Reading, PA 19605
(717) 274-3622 - office - (215) 378-1122

REAL ESTATE

Nice little 58 acre farm for sale in Juniata Co 717-527-4093

For Sale Farm, Perry County, 221 acres, house and barn 717 438 3115

North Baltimore Co.
100 acre farm with southern exposure, 65% tillable, has large barn and silo and outbuildings, some financing available with possible MD farm preservation participation $2000 per acre More land also available 301-343-0713

Tioga County 65 acre farm with stream, barn, new slaughter house Ranch style home with 3 bedrooms, 1½ baths, 2 car garage 717 724-3768 Call 717-724 3853 evenings and weekends

Want to rent dairy farm in Franklin County for Spring 1982 301-797 6460

For Sale by owner 240 Acre farm in Juniata Co Call 717-436 8309 After 5 PM

Want to Rent Dairy farm that can handle 200+ cows w/free stall Within 100 mi of New York City 201 567-3179 evenings

REAL ESTATE

Dairy Farm For Rent 175 acres located in Union County PA 80 cow stanchion barn Large 5 bedroom house Phone 717 966-0996

For Sale - Dairy farm Bradford County 106 acres, 50 cow tie stall barn New pipeline attached free stall heifer barn 4 silos, bunk feeder, equipment shed, 4 bedroom house, all in good condition FHA mortgage 717-746-1575

For Sale by owner 240 acre dairy farm in Juniata Co 717-535-5457

28 ACRE FARM

25 tillable, 2 bank barns, 30x80 farrowing house fenced meadow, good water supply, good truck farming opportunity with fast growing local markets assumable mortgage at 9% Lancaster Co

215-445-5898

SHEETZ REAL ESTATE
RAY N. WILEY INC.

323 W. Main St.
Mount Joy, PA

CALL 653-1481

FARM LISTINGS NEEDED

Farm Salesman - Eugene Kreider

PRODUCTIVE FARM

112.2 acres, general farm with one acre pond, 5 acres woodland, and 85 acres tillable. 3 bedroom house plus outbuildings. Near Lewisburg, Pa. $250,000.

FOR THE FARMER

119 acre farm suitable for beef or hog operation. Four bedroom house 5 outbuildings. Millmont, Pa. area. $250,000.

CENTURY 21
Sprecher Agency, Realtor
(717) 742-8748

120 ACRE GENERAL FARM

104 acres of level murrill soil, exc. for corn, also included 16 acres of woodland, large barn and other outbuildings. This farm lays beside the mountain. Has two ponds, is fenced in and is currently used for a steer operation. Priced at $240,000 Owner wants sold, no reasonable offer will be refused.

Donald E. Diehl Realtor
34 E. High St.
Carlisle, PA 17013
717-249-7127

CENTRAL PA FARM & LAND PARCELS

Over 35 listings including operating farms, farmettes, rural land and recreational land. Call or write for a free list. **Watch for complete farm inventory ad next week or refer to last weeks edition.**

FARM AND LAND DEPARTMENT

Fred Strouse (814) 364-1705 (Lewisburg) Larry W Platt (717) 568-5563
Don Myers (814) 422 8111 (Bedford) Richard D Reed (814) 839-4271
Mel Rockey (814) 466-6688 (Huntingdon) Rachel Port (814) 669-4194

KISSINGER LEONARD & ASSOCIATES Realtors

Frederick J Kissinger, Realtor
William H Leonard, Realtor
245 S Allen St,
State College, PA 16801
(814) 234-4000

REAL ESTATE

For Rent - 4 room house, middle aged couple, nice yard and parking Neffsville, Lancaster Co, 717-569 1170

2 Farms consisting of 120 acres of very fertile land, 2 sets of buildings for sale by the owner, John Strawbridge, 301 996 2022

REAL ESTATE

FOR RENT
100 ACRES
3 bedroom brick house, bank barn, two 100' hog barns, pond, secluded w/ long lane. Adams Co
717-632-6968

IDEAL WATERFRONT HUNTING FARM

221.2 acres, 81 acres tillable. Large pond plus frontage on creek. $600,000.

189 ACRE FARM

Financing below bank rate, $100,000 mortgage available w/federal land bank. Reproduced Baltimore townhouse w/authentic interior. $700,000.

Anderson-Stokes
P.O. Box 533
Chestertown, Md. 21620
301-778-5600 or
301-758-2220

LIMESTONE GROUND STONE HOUSE

HUNTINGDON COUNTY — 15 miles from State College - Beautifully restored 3-bedroom stone house, plus 4-room all-electric apartment. Abundant spring water, second spring, streams, farm pond, 100 tillable acres (predominantly Hagerstown), 30 acres pasture, with barn and outbuildings. This is the house and farm for you. $260,000.00. Owner will subdivide house, barn, and 17 acres.

CALL:
TRI-COUNTY REAL ESTATE AGENCY, INC.
305 Penn Street, Huntingdon, Pa. 16652
(814) 643-5010

NORTHUMBERLAND COUNTY

Interest rates too high?
Not on these two farms!
Owner financing best buys today.

85 acres, $93,500, 7 room house, oil heat, 4 bay barn, other buildings, stream, road frontage, 12½ percent. You can afford.

117 acres, 8 room house with oil heat, 4 bay barn, road frontage, creek frontage. Great terms. 25 percent down, 12½ percent interest. Now is the time. $145,000.

Ask for Jerry Frey 717-898-8441

Warren Weaver Inc. REALTORS

Endless Mountain Real Estate Co.

Tioga County

Land Mart REAL ESTATE

Lake Lot Property.
On Sugar Branch Lake Estates in Tioga County, Pa 3 bedroom home, extra large living area, 8x24 Sundeck, Lovely Spot Folks! #219 $40,000

Good Hunting Ground
25 acres all woods, trout stream, rough cabin, lots of white tail deer, turkeys & small game The Price is Right! $16,000 #202

RD 1 Box 203-A
Covington, PA 16917
717-659-5684
Richard Chamberlain, Manager
Home Ph: 717-549-4173

REAL ESTATE

Do You Realy Want To Sell Your Farm?
Contact
Van Cleve Real Estate
Specializing in Farms & Land
717-392-3032

Young Christian couple seeking house, barn and pasture for 35 cows.
Write to Lancaster Farming, P.O. Box 366 R-83 Lititz, PA 17543

FARM FOR SALE SNYDER CO. PA.

122 A (approx) 60 A tillable 55 A good timber large meadow w/stream Nice 2-story 2 family home early possession Owner financing possible
717-658-3352 or write
RD 2 Box 50
McClure, PA 17841

FOR SALE

40 Tillable Acres, automated turkey house 50x400, located in York County
$190,000
E. Wade Manifold
717-862-3192

SOUTHERN MARYLAND PIG FARM

Completely equipped 115 acre farm to raise and finish 2400 pigs yearly, 80,000 Bu. grain storage, good location near Chesapeake Bay - call or write for details -
Marv Franzen Realty
Box 280, Lexington Park
Maryland 20653
Phone 301-863-7407

Farm Price Greatly Reduced, plus Seller May Finance at 9½% Interest

Truly a bargain at this price and terms Farm includes 20-170 acres, as many as you need, 3 year old pullet house, hog barn, large farmhouse in good cond No reasonable offer refused Call Bill Snader or Jason Rutter at
DERRY REALTY CO.
717-273-9351

Elk View Farm MD Eastern Shore

175 acres, 158 til , barn, loafing shed, machine shop and work shop, over a mile road frontage $490,000

Farm

77 acres, block barn, loafing shed, silos, 4 car garage with 4 rm and bath apartment, $190,000 Possible owner financing

LANGNER REALTY
Chesapeake City, MD
301-885-2400

REAL ESTATE

FERTILE FARM DEVELOPMENT APPROVED

300 Ac., Hellam, York Co., Pa.,-Offered in three parcels or entire - (1) 203 Ac., 200 in corn 2 nice homes, barns, etc. at $3,500/Ac. (2) 23 Ac. in corn at $2,900/Ac. (3) 74 Ac. in mature woods at $2,500/Ac.; Preliminary sub division approval for (1) and (2) and Final for (3). Owner 717-757-1508

(18-T) Laying operation, 2 story 40x130 poultry house for layers and 30x130 one story building used for replacement pullets with all equipment on approximately 2½ acres of land in Franklin Cty. near Waynesboro, PA. Nice random rock cape cod home and 16x50 implement shed, all for $69,000

(28-T) In PA near Gettysburg, PA. 49 acres of ground with nine room 2 bath stone house built in 1787 with five fireplaces in working order Barn, supporting buildings, stream, woods and tillable land Excellent condition $198,500

Call 717-642-5851
TOWN AND COUNTRY REAL ESTATE
Fairfield, PA

Herkimer County

* 125 acres, 100 tillable level land.
* Remodeled 34 cow tie stall barn. Patz cleaner, 500 gal. tank
* Attached hay barns
* New 18x40 Madison Nutramatic silo with roller mill
* 16x45 wood silo
* Equipment shed plus outbuildings.
* 20 cows plus youngstock.
* Full line of equipment and all crops.
* Very nice home.
* $500 total taxes. Excellent location.

If you have a reasonable down payment, call on this one. Seller wants to move immediately.

COBLESKILL
Country Boy Realty
MAIN OFFICE
140 EAST MAIN STREET
COBLESKILL, NEW YORK
PHONE 518/234/4371

Do You Want to Farm?

Then allow us to help you reach your goal. We can do this through several of our listings which have excellent owner financing.

#1 New Listing - 125 acre limestone general farm in Cumberland County. 110 tillable - 8 miles from Mennonite Church.

#2 Beautiful dairy with 60 stanchions and pipeline - barn 9 years old. 237 acres-180 tillable. Several equipment sheds and 20x70 silo. A real turn key operation in Union County.

#3 Open acreage in Lancaster County - 46 acres in high state of cultivation. Also another tract of 40 acres.

#4 Large fruit farm in Cumberland County with the possibility of five 10 acre lots.

#5 97 acres of woodland with Campsites and Operating Grist Mill. 10% owner financing.

Call for more information on these and other properties.

FARM & HOME REAL ESTATE
Smoketown, PA
717-291-2270
Sylvester Baum, Carlisle, 717-776-3967
Mahlon Oberholtzer, Lancaster, 717-392-1177
Broker-J. Irvin Denlinger
717-898-8962

REAL ESTATE

HOUSE FOR SALE VERMONT - IN THE HEART OF THE GREEN MOUNTAINS

Contemporary A-Frame plus L's on three acres white birch with spring fed pond. New kitchen with ceramic self-clean range, frost free refrig. All drapes stay. Stained glass, 16'x2' from ground to tip of A-Frame in LR to front of house. Fireplace, loft, sun deck, Cable TV. Full basement, pool table and ping pong. INCOME apt. over attached 2 car garage. Black top road, excellent snow control. Golf, minutes to I-89, Sugarbush, Stowe, Woodstock Ski areas in tranquil, central Vermont. By Owner, Shirley A Fritz 510 Park Rd., Spring City, PA 19475. Call 215/948-0698 Eve/Wkend 215/933-4010 Day. $85,000 Firm.

LANCASTER COUNTY FARMS

15 Stall Horse Barn on 10 acres, level land with rail fencing in beautiful setting in Providence Township $65,000 00

1,200 head Nebraska Hog Unit with modified open front on 75 acre farm Also includes charming stone and frame farm house, bank barn and other outbuildings all in good condition and attractive setting $330,000 00

89 ACRE ESTATE TYPE FARM featuring restored log farm house and in-ground pool in picturesque Conestoga area setting $325,000 00

188 ACRE CROP FARM with nearly 120 acres tillable, pointed brown stone farm house, pole barn and other outbuildings Under $2,400 00 per acre

205 ACRE DAIRY FARM with 2 dwellings and good stream through meadow land Nearly 160 acres tillable Could be divided as 2 farms $3,500 00 per acre

218 ACRE SHOW PLACE featuring 134 free stall barn and milking parlor 4 unit dwelling and other buildings all in excellent condition and superb setting near Lancaster

Century 21®
EMORY D. WAGNER CO., REALTORS
215 W. Fourth Street
Quarryville, Pennsylvania 17566
(717) 786-2131

THE FAMILY FARM IS THE BACKBONE OF AGRICULTURE

Following 6 farms w/poss. owner financing

28 Ac. gen. nice setting $69,000
108 Ac. gen. Danville $97,000
20 Ac. farmette w/fruit, Lanc. $135,000
Starter dairy Juniata $155,000
128 Ac. dairy Northumberland $200,000
103 Ac. orchard setup Snyder $275,000

JUNIATA CO.

100 Ac. gen. farmer's farm $149,900
266 Ac. gen. $225,000

NORTHUMBERLAND CO.

100 Ac. gen. $225,000
105 Ac. gen. steer $133,000
10 Ac. veal set-up $50,000

HUNTINGDON CO.

178 Ac. near Raystown Lake $199,000

CHESTER CO.

242 Ac. productive, nice bldgs. $1,200,000

ADAMS CO.

114 Ac beef, hog etc. $227,000

Several Tracts of Woodland would make nice retreat Snyder & Mifflin Co.

KINGSWAY REALTY
REALTORS
1770 Oregon Pike
Lancaster
Phone 717-569-8701
or Leola 717-656-6717
REALTOR

REAL ESTATE

62± acre general farm private setting, large, 12 room home, coal or oil heat 30x60 bank barn, 35 tillable 15 pasture 10 wooded Possible owner financing 25% down 12% interest $79 000

Ringtown Valley, 176 acres, lg gravity water supply to house, barn and pond, vegetable or crop farm, 88 tillable, balance wooded, bank barn, 7 bedroom house, possible owner financing at 10% $150 000

Lykens Valley 160 ± acre operating dairy farm, new 40 stanchion barn plus 40x100 hay storage barn, new 20x70 silo stream borders, large 6 bedroom home, secluded **$350,000**

Plain Acreage

49 acres secluded but near I 81 15 tillable, balance wooded, some timber, excellent deer hunting, possible terms at 12% interest $39,000

PETER B. CORTELYOU
Real Estate
717-758-9177

LOW INTEREST MORTGAGE

Stocked & equipped dairy farm. 315 acres, 130 tillable. Barn ties 54 cows. 1000 gallon bulk tank, new pipeline milker, new Patz barn cleaner. Good 10 room, 5 bedroom house, cattle & machinery, 100% finance, 8½% interest. Purchase bare or complete $50,000 down, $227,000 total -

DON'T MISS

This 300 acre farm offers convenience. Barn ties 107 head w/room for heifers. Pipeline milker, 1250 gallon bulk tank, 24x70 silo w/unloader, machinery shed. Nice 3 bedroom house & enclosed swimming pool. Large assumable mortgage at low interest rate. Only $243,000.

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F1-33 DAIRY FARM, 100 acres, 60 tillable. Snyder Co. Single 8 herringbone milking parlor. Good buildings. 70 free stalls. 800 gallon bulk tank. Presently milking 40 cows Very nice 4 bedroom home. $170,000.

F1-26 Perry County, 180 acre general farm. Presently beef/calf operation. 4 bedroom 1½ bath house, owner financing available on $100,000. Full price is only $221,000.

LO-77 Wooded tracts in Juniata Co. Near McAlisterville 10A & up. Underground utilities. $1200/A Less for larger tracts. Generous owner financing. Cash discount. Call Don.

F1-02 103 acre run down farm, log house, approx. 20 acres tillable, excellent hunting area. $69,000

FO-500 Not your average farm! Highly productive and excellent buildings to match 2 story immaculate home. Inground pool. Presently beef operation but readily convertible to dairy. 112 acres. Columbia Co. $210,000

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RAISE BEEF, PORK OR CONVERT TO DAIRY FARM

This 150 acre farm is well equipped with 2 Harvestore silos large Slurrystore tank, automatic feeders loafing pen, 48'x96' implement shed, 45'x107' barn, space for 400 feeder steers, 110 acres tillable, 30 acres pasture and some woodland, plus 3 bedroom and bath home in Berks County Call now for more information

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Myerstown, PA
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CHESTER COUNTY FARM

91 acres, 60 acres tillable balance in pasture, 2 acres woods Large stone and stucco house w/5 bedrooms, barn in good cond Machine shed, 3 car garage, many outbuildings Located at Sadsburyville, 1 mi from Rt 10 Amish nearby Owner financing possible to qualified buyer $320,000

22.5 ACRES OXFORD

Large 5 bedroom house, barn suitable for horses, boars, steers, 6 acres tillable, 6 acres of woods balance in pasture w/a pond Adjacent to Andrews Bridge Fox Hunting Country Priced right $85,900

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215-932-8692

BERKS COUNTY FARM FOR SALE

150 acres at R D #1, Myerstown, 85 acres of cropland in a high state of cultivation presently being tilled for small grains and soybeans This would be an ideal farm to irrigate because it has 2800 sq ft of road frontage along the Swatara Creek The balance of the land is hardwoods and meadowland 2½ story farmhouse, summerhouse, old barn which needs repairs, hard road frontage $205,000 Call Nelson Ebersole, 717-867 4487

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250 Acre Dairy Farm

200 tillable, 5 silos, 1500 gal bulk tank, double six herringbone, automatic take off, 133 free stalls, 14 room house, 2 baths, Asking $825,000 Possible owner financing

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614-267-3740
Property is 3 mi. N of Ashland, Ohio

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CUMBERLAND CO.

161 A. GENERAL
Level sandstone soil, 10 room stone & aluminum house, large bank barn OWNER FINANCING

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166 A. DAIRY
Spacious brick rancher with attached office & 2 car garage, bank barn, implement storage, timber, stream, road frontage, plus 1 room brick school house.

144 A. DAIRY
Gently rolling land, 24 tie stall barn with 6 unit Surge pipeline milker, 1000 gallon tank, stable cleaner, silos, 90 free stall barn with 100' feeder, additional heifer barn New 10 room house ready for today's dairyman

136 A. DAIRY
Bank barn, 20 tie stalls, 300 gal tank, silo, stream & road frontage - Trough Creek Valley

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106 A. DAIRY
Bank barn, 30 tie stalls, 2 silos, no dwellings

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CENTRAL NEW YORK OFFICE

NEW FREE STALL LISTING: 288 acres Honeoye soils, mostly level Very good 113 cow free stall barn, dbl 4 parlor, 4 silos including 2 Harvestors Excellent 7 room home INCLUDES 65 milkers shipping 2100 lbs daily, young stock, Oliver #1950, A C 190XT w/cab, IH 400, JD 170 skid loader, long line of equipment JUST LISTED AT $385,000 w/terms

COMPLETE MOHAWK VALLEY FARM VERY LOW DOWN PAYMENT: 38 cattle, (some real nice Holsteins), 3 tractors, truck & extra long line of equipment make this 120 acre farm a great buy Two family home is half new Old Russian farmer must sell immediately JUST LISTED AT $155,000 CALL SLOANSVILLE OFFICE 518 875 6355 FREE CATALOGUES

SOUTHERN NEW YORK OFFICE

SMALL FARM WANTS ALL OFFERS 57 acres suitable for mini grain farm, 48 tillable LOOKS OUT OVER SENECA LAKE Old farmhouse needs everything, has 2 baths 40x60 carriage house Asks $39 500 with owner terms but wants sale this year CALL TRUMANSBURG OFFICE 607-387 9303 MANY OTHERS

ST. LAWRENCE VALLEY OFFICE

BEST DAIRY BUY OF 1981· illness forces quickest of sales here, 226 acres Petney loam, gently rolling, grows good alfalfa Very good 50 cow barn with 9 Y S ties, newer cleaner, 16x70 concrete unloading silo, mow conveyor, 2 grain bins plus 3rd for shell corn w/portable grinder Historic log lined home, new oil/wood furnace, solar collector, modern island kitchen INCLUDES 45 milking Holsteins, Y S , IH 966 w/cab IH 460 w/loader, TD 14 IH bulldozer w/12' blade Long line of good machinery MUST BE SOLD IMMEDIATELY! JUST LISTED COMPLETE AT $143,000 with about $35,000 down! CALL GOUVERNEUR OFFICE 315 287 4163

BRICK-LINED HOME WOOD-LINED BARN 109 acre former dairy shipped milk until 1979, has very pretty setting with stream thru Good Early American home has modern bath & oil furnace Attached garage Even the loft of the 38 tie barn is lined with wainscoting 12x48 concrete silo Nice milk room w/glass door JUST LISTED AT $49 500 with about $8000 down For appt call 315 769 9380 or Gouverneur OFFICE

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175 acre general farm 145 acres flat & rolling good corn, hay & crop land

Huntingdon County
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New Listing Blair County 47A horse or beef farm New steel horse barn & arena Stream

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See PICTURES in catalog! Productive 284-acre Pa. crop & beef farm for less than $655 per acre. 100 acres in corn, 80 pasture. Solid 2-story farmhouse has 4 bedrooms. Large barn. Only 10 minutes to college & Pa.'s largest lake. Lots of potential here for $186,000.

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Good owner financing on 240-acre N.Y. dairy farm. Freestall barn, 80-ft. feed bunk; 2-year-old double-4 Herringbone milking parlor has 8 units with automatic takeoffs, bulk tank, full line of equipment, 20x60 silo. Good home has 3 or 4 bedrooms, bath, furnace, 2 automatic wood stoves. 200 acres in alfalfa and hay. On state highway. Today's value special for $230,000, $55,000 down, long-term owner financing.

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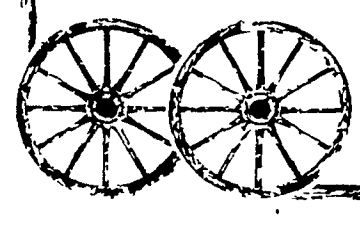

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27 acre farmette. Modern masonry house, bank barn, stocked farm pond Call Mr Crawford

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109 Acres Woodland. Call Mr Orris

30 acre farmette. Good buildings Spring and stream Call Mr Orris

40 Acres Land, 17 wooded, 1300' road frontage Call Mr Benner

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147 acre hog and beef. Brick house, barn & silo Call Mr Niesley

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21 acres wooded land, 1500' frontage Call Mr Benner

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HUNTING FOR A CAMP? Everything you need for only $9,900. 3 BR mobile home on ¼ + A lot in scenic valley. Septic + well. Currently occupied as year round home. Call for appointment. 814-367-2249 C-624.

BEAUTIFUL FARM - NEW HOME - Scenic valley setting w/yr-round stream. Good mixture of tillable, pasture & wooded. 6600' of road frtg. Modern 2 year old home w/1296 sq ft. of comfortable living space & good outbuildings. Enjoy country living! 120 A - $85,000, 150 A - $97,500 814-367-2249 C-593

LGE. TRACT BORDERS STATE - 80-picturesque acres nestled in Pine Creek Valley. 30 A meadow, balance wooded. Just off Route 6 near exc. Phoenix Run hunting area. $395/A. 25% down, 10½% int. for 15 years. Call 814-367-2249 C-579.

HUNTERS DREAM - 80 acres mostly wooded in the heart of Tioga Co. Great hunting for deer, turkey and grouse. Owner terms 20% down 11% interest 20 years with 10 Yr. balloon. Only $34,000 w-564 PH· 717-724-5921

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Near Oxford

68 acre General Farm
190 acres Dairy Farm 150 acres tillable A choice farm
50 acres General Farm
60 acres General Farm
90 acres Dairy Farm
61 acres extra nice level good productive land no buildings
7 acres stone house tenant house, large beef cattle barn
90 acres bare land good productive level and no building

Lancaster County

123 acres large steer operation and poultry houses for layers, large barn tobacco shed, and out buildings, nice brick home, bath conveniences also tenant home

Centre County
Near Lamar
Route 64

101 acre Dairy Farm Price reduced less than $1500 an acre Owner financing Terms 25 per cent 1st year 10 years 10 per cent interest

Some of these farms are owner financed to qualified buyers Possession on all farms on or before April 1 1982

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ST. LAWRENCE VALLEY

OWNER RETIRING...165 Ac. 100 T T Barn, Silo, 2 Springs, Borders creek, House in excellent condition, All Equipment included for dairy farming. Price $115,500 Owner financing possible.

$140,000...130 Ac Equipped dairy farm, close to college town Owner financing

725 Acres, large flat meadows, suitable for haying, other crops, development, several acres of large mixed hardwood & pine, borders creek. Can be divided. Small downpayment

LODGE... Excellent hunting, fishing in area Lodge is in excellent condition, gas lights, spring water $35,000

FOURNIER REAL ESTATE
Gouverneur N.Y. 13642
315-287-4065

MONTGOMERY COUNTY, N.Y.S.

175 acres 75 cow farm mint condition, barns & house All good machinery & some heifers. Owner financing to qualified buyers Good production farm $198,000

LOOK! LOOK!

Year round or weekender 2 bedroom sound log home on 60 acres trees 2 car 2 story garage with apt. started. Deep pond w/rainbow trout & swimming dock Terraced breathtaking view of Adirondacks Mts Private. Possible owner mortgage. $125,000. Make an offer - you might own it. It's only 4 years old & owner built.

FARM

For the serious dairyman - 280 acres over 230 tillable, 2 houses mint shape 96 free stalls, over 135 head + good up to date machinery. Take over mortgage Owner retiring Bare or stocked & equipped

Many other farm listings We will help you find financing if you qualify

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REAL ESTATE

REAL ESTATE

HOLTZ and ASSOCIATES

Real Estate
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NORTHERN CAMBRIA COUNTY FARM 112 acre working farm Includes recently rebuilt 2 story colonial home with family room, fireplace, intercom, and other cozy comforts. Other buildings include a bank barn, block garage, and grainery. Acreage has tillable land, pasture, and woods. An assumable loan of $100,000 for the qualified buyer is available. Price is $159,000 Owner will sell machinery

SOUTHERN LANCASTER COUNTY 16 acres, 15 tillable renovated stone farmhouse, 2 car garage, frame shed 20'x38' Would make ideal truck farm

LANCASTER - CHESTER COUNTY BORDER 390 acres prime farmland, 80% tillable Would make 5 or 6 nice Amish farms Seller financing

SOUTHERN CHESTER COUNTY 171 acres operating dairy farm, bank barn with 50 stanchion cowstable pipeline, 12'x50' concrete silo, four bedroom house

CHESTER COUNTY 88 acre steer and hog farm, large bank barn steer barn, 10'x50' and 20'x80' concrete silos Five bedroom house

CHESTER COUNTY: 228 acre dairy farm, 80% tillable, 2 houses, one barn Near New Amish Octorara School Seller financing

SOUTHERN CHESTER COUNTY Oxford area, 5+ acres, good bank barn small stables, stream on property You couldn't replace the barn for the asking price

RISING SUN, MARYLAND 84 acre dairy farm, 2 houses, bank barn with 38 comfort stalls, great land Seller financing

RISING SUN, MARYLAND Dairy farmers if you could build yourself a farm from the bottom up, you couldn't build one much nicer than this 180 acre CECIL COUNTY 5 STAR FARM.

* The land lays about as nice as it could
* The barn is a modern work center with double 6 milk parlor, 4000 gal bulk storage tank, badger ram manure system
* Silos (1) 20'x60' Harvestore (1) 20'x70' Crop-store (1) 20'x60' concrete stave
* Gracious family living in the completely renovated, maintenance free farmhouse with in ground swimming pool

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REAL ESTATE

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86 acre dairy farm (near Hershey) very good soil 80% pasture, stream features new 100 cow free stall w/center auto bunk feeder & drive thru feeding 20x70 conc silo w/unloader & conveyor system 2 story bank barn w/25 tie stalls also heifer & maternity area 800 & 400 gal bulk tanks 2 car garage & shop, corn crib machine shed, lovely 2½ story home features large kitchen, formal DR LR & playroom 3 bdrms & bath 2 open porches Call for details **$360,000**

MONTGOMERY COUNTY

55 acre general farm featuring lovely log & stone home w/modern kitchen center stairs 5 rooms with livingroom fireplace 5 bedrooms & bath 2 car garage bank barn 2 machine sheds corn crib silo & much more A very lovely setting **$385,000 Reduced to $300,000**

SOMERSET COUNTY

196 A Dairy farm, 140 till 60 [illegible] stall bank barn w/new pipeline & bulk tank [illegible] ome w/large kitchen, dining room, livir [illegible] edrooms bath 20x60 concrete silo w/u [illegible] Quonset machinery shed & other outbuildings $225,000 #296

SOLD

BRADFORD COUNTY

NEW

81 acre dairy farm with lovely frame colonial with 10 rooms & bath 26 stall barn barn cleaner 2 story garage & out buildings $66 000

OTHER FARMS AVAILABLE
Please Call and Tell Us Your Preference

PAUL M. LONGACRE
Rt 100 Hereford PA 18056
Ph: 215-679-5919

450 acre dairy farm, 365 acres tillable Featuring 154 freestall barn with 2 bunk feeder units double 8 Herringbone parlor with sick room [illegible] bath & milkhouse with two 1000 gal tanks Three 60 silos and one 20 x 55 silo with unloaders [illegible] 245 pole styled dry cow & heifer barn with [illegible] through feeding Lovely 2½ story home with 11 rooms & 2 baths, 2 ponds All this & much more for $490,000 Call for details #311

SALES AGREEMENT

180 acre 150 tillable level land to gentle rolling beautiful big new rancher w/fireplace, barn remodeled w/new addition, 58 tie stalls could easily add 16 stalls, bulk tank, dumping station, 18x65 concrete stave silo w/unloader, heifer barn & machinery shed Located on macadam road Sets very nice, must be seen to appreciate All for **$225,000** Cattle & machinery optional Additional acreage available for rent

SUSQUEHANNA COUNTY

140 acre dairy farm, 95 tillable, gently rolling to almost level A picture clean farm operation with 42 stanchions, stainless steel pipeline, 2 box stalls, 6 calf stalls & enclosed spreader pit Two 20 x 40 concrete stave silos with unloaders 650 gal bulk tank, 2 large poll sheds for machinery & heifers, frame 8 room 2½ story house, modern kitchen, 1½ baths, carport & patio Must be seen to appreciate $225,000 #324

NEW

437 acre dairy farm 50 stall barn with pipeline bulk tank, barn cleaner & 18x50, 14x50 & 12x40 silos Heifer barn & machinery shed shop & garage Lovely stone & frame Colonial home with modern kitchen 8 rooms & 2 baths Also new second home with 5 rooms & bath Call for details $325 000

74 acres 67 I features 106 comfort stall barn 1000 gal tank pipeline 89 free stall heifer barn 30x70 concrete silo solid 2 story 4 bedroom home w/bath Asking $165 000 Also renting additional acres

BUCKS COUNTY NEW

100 acres of level limicum Bucks County soil 95I features lovely 2 story double home w 11 rooms & 2 baths 2 story bank barn w/50 stalls 1 mi road frontage A good operating dairy farm $360 000

Lovely 2 story colonial home w 4 bedrooms 2 boxes 2 car attached garage beautiful landscaping 5 acres partly wooded picturesque setting $129 900 Additional acreage available

NORTHUMBERLAND CO

158 acre 97I General Farm lovely 4 bedroom home, kitchen living room dining room & bath, 2 story barn, silo & outbuildings Also 2nd home w/eat in kitchen living room, 2 bedrooms & bath, all for $158,000 #342

SNYDER COUNTY

101 Acre dairy farm features lovely home w/large kitchen 1½ baths, 4 bedrooms & laundry, 70 freestall barn w/box stalls, 8 stall Herringbone parlor auto feeders, 20x60 concrete silo w/unloader, 40x100 pole building, bank barn & much more, ~~$180,000~~ Reduced to $170 000 #328

96 acre general farm, 60 tillable with nice 2½ story frame colonial double home, 11 rooms, 2 baths, 2 kitchens all in good condition Large barn set up for 10,000 broilers trout stream on property, good hunting & fishing area ~~$130,000~~ Reduced to $120 000 #307

JUNIATA COUNTY
REDUCED

160 acre general farm, 125 tillable, featuring lovely 2½ story 8 room farmhouse with country kitchen, 3 floor 15 000 bird broiler house, 100 x 80 bank barn & 30 acres box wire fencing Concrete silo & large bunk silo good ground All for ~~$250,000~~ Reduced $210 000 #320

10 acre w/lovely Cape Cod 8 room & 2 baths, full basement in a very nice setting excellent for hunting or vacation home nice view **$65,000 #283**

COLUMBIA COUNTY

180 acre dairy farm 118 tillable, 36 stalls bulk tank several sheds & second small barn, corn crib 2 silos & grain storage bins Lovely 2 story farm house with 9 rooms & 1½ baths remodeled Slightly rolling & level good ground ~~$225 000~~ make an offer, reduced $210 000 #310

20 acres with small barn pond wooded and open ground Nice area Financing Available Asking $45 000

NEW JERSEY

80 acre dairy farm gently rolling to level streams & pond 2½ story home with 4 bedrooms & 2 baths large remodeled kitchen dining rm & laundry 60 stall barn & 80 freestall milkhouse bulk tank large shop new large machinery shed & corn crib 14x40 concrete silo & 200x25 trench silo $250 000

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It won't cost you as much as you thought to buy a new John Deere tractor right now. On models 4040 through 8640, if you make a deal with us any time before January 30, 1982, you won't have to pay a penny in finance charges until June 1, 1982! You get the tractor. And you hold on to the money you would normally pay for finance charges.

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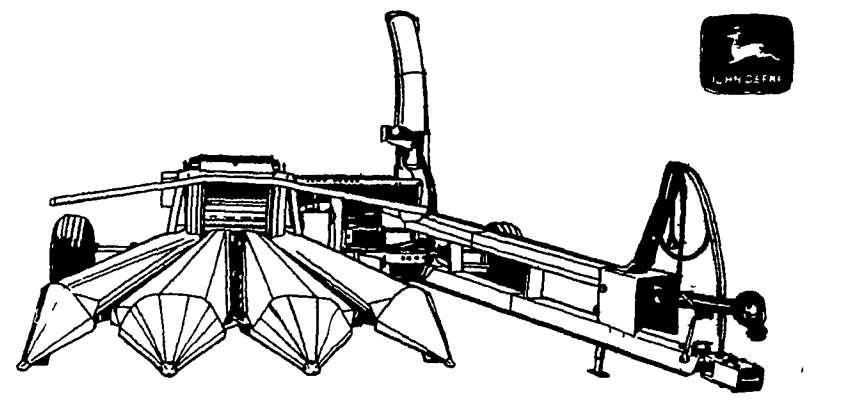
For a limited time, earn $50 to $1,200 in bonus buying power by ordering a new John Deere disk, hay or forage tool



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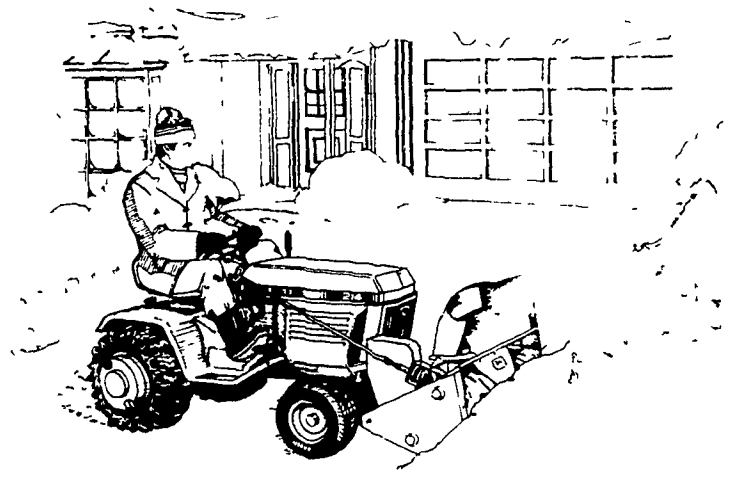

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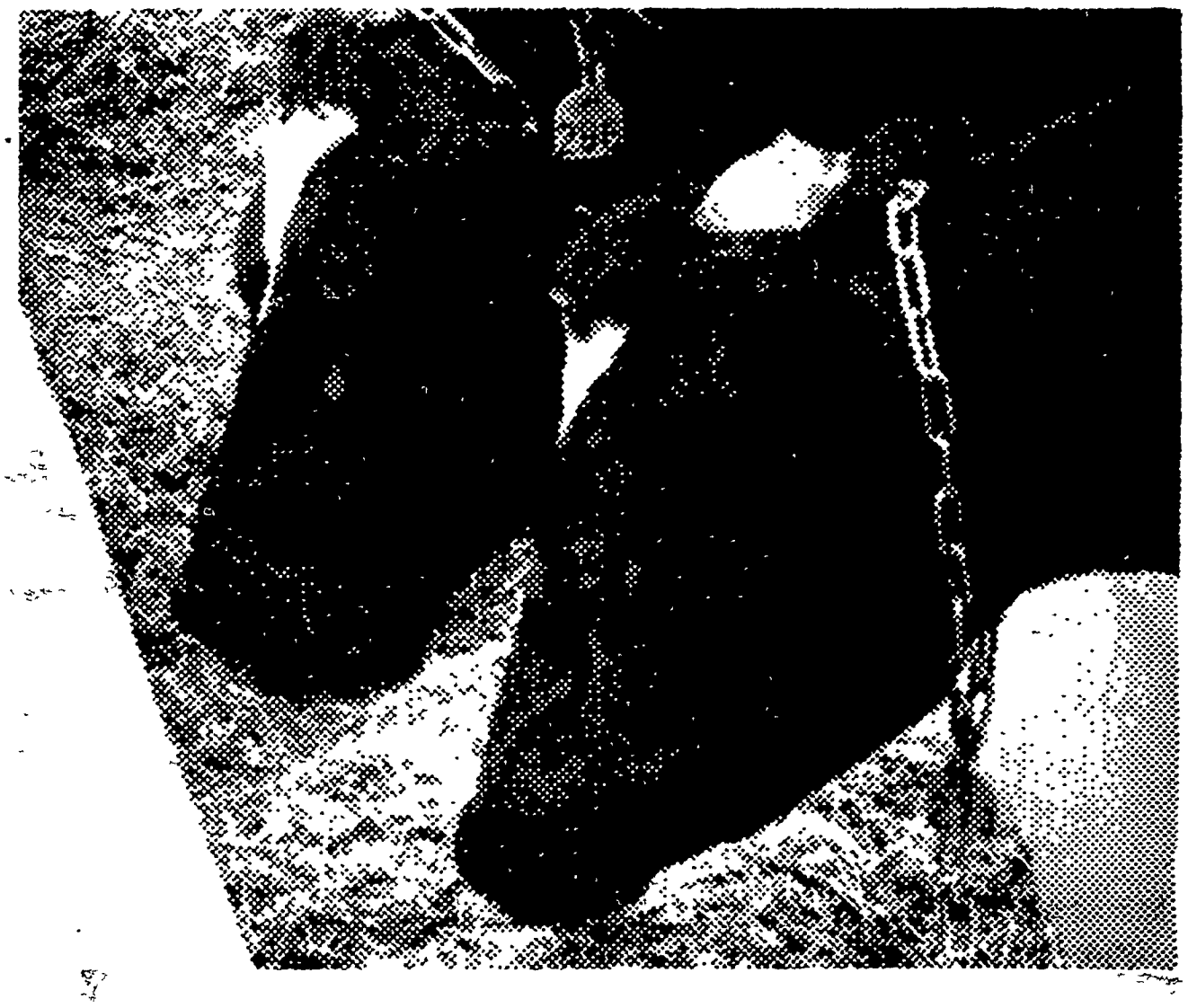

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Branstetter brothers, Wiggins join '700 Club'

BY PATTY GROSS
Staff Correspondent

ALEXANDRIA — The "largest crowd ever" for the DHIA annual meeting in Huntingdon County looked on, as Board Vice President Tim Nowlin, Warriors Mark, presented awards to a large number of fellow farmers

Brothers Terry and Joel Branstetter, Tyrone, along with Howard and Nancy Wiggin of R4 Tyrone were honored with membership in the "700 Club " The Branstetter Farms went over the top with a record of 707 pounds of fat and 19,428 pounds of milk. The Wiggin's farm stood out from the others in the county with 18,664 pounds of milk and 702 pounds of fat, guaranteeing them a plaque.

The John Staley Award for the highest butterfat gain in Huntingdon County was won by Shade Gap dairyman Philip Yohn. Like it so often happens, Yohn was unable to get away from the barn in time to collect the top award. Instead he sent as his representative his future sister-in-law, Tracy McMath. McMath explained Yohn was trying to break-in his herd on a new milking parlor. Yohn's milk production was at 15,559 pounds and 579 pounds of fat for this year's largest gain of 125 pounds. He topped the 0-50 Cows Class.

Jefferson Byler placed high in the 50 - 80 Cows class with a gain of 87 fat pounds. His herd is at 568 pounds and 15,912 pounds of milk. Another award for the highest fat gain was presented to Mike Behrer of Spruce Creek. In the 80 Cows and Up category, his farm produced 17,566 pounds of milk and 637 pounds of fat, which is an increase of 88 pounds over last year.

Charles Schilling has been working a long time to become a member of the "600 Club." His Locust Lane Farm, R.D. Petersburg, had a herd record average of 625 pounds and 17,245 pounds of milk. A similar award went to Bill and Debbie Hoover, R4, Tyrone, for their record of 16,153 pounds of milk and 612 fat pounds. Allensville farmer Samuel Byler, this year, had 16,660 pounds of milk and 600 pounds of fat. Nineteen other Huntingdon County farm owners were recognized for their herd records.

More than 200 people were at the Juniata Valley Elementary School in Alexandria Wednesday night for the 54th DHIA annual get together. County Extension Director Harold Lockhoff told the crowd he is proud of the job they are doing. "We have a tremendous organization in Huntingdon County. You don't have to take a back seat to any other county."

Lockhoff explained that the number of cows in the county have increased. The DHIA annual report shows there are 5,645 as compared to 5,096 last year. In 1979-80, milk production was 14,656 pounds. This year it is 15,238. That's above the state average of 15,134 pounds. Fat has increased by 15 pounds from last year to 565 pounds. The latest figures show there are 83 herds in the county with an average of 68 cows per herd. Last year there were 62 cows per herd.

Looking over the Huntingdon County DHIA annual report are award winners Terry and Joel Branstetter, Tyrone, from left; DHIA Board President Tom Eberle, Petersburg; and award recipient Howard Wiggin, R4 Tyrone.

Tracy McMath accepts her future brother-in-law's plaque from Tim Nowlin. Philip Yohn of Shade Gap won the John Staley Award for the highest butterfat gain — 125 pounds this year.

Charles Schilling, Petersburg, right, is the newest member of Huntingdon County's '600 Club'. His Locust Lane Farm had a herd average of 625 pounds of fat and 17,245 pounds of milk.

Howard and Nancy Wiggin, R4 Tyrone, right, accept a plaque recognizing their butterfat record of 702 pounds from DHIA Board Vice President Tim Nowlin.

The membership elected three new directors. Glenn Houck, John Goshorn and Jim McMath will each serve a three-year term on the board. Those attending also elected to join the Pennsylvania Dairymen's Association as a group, on a reduced rate.

Huntingdon County Dairy Princess Phyllis Yoder reported on her recent activities. The delightful entertainment was by "The Alleghaney-Aires" quartet.

Two other Huntingdon County dairy producers recognized for their increases in milkfat production were Mike Behrer, Spruce Creek, left, 17,566 pounds milk and 637 pounds fat for an 88 pound fat gain; and Jefferson Byler, Petersburg, 15,912 pounds milk and 568 pounds fat for an 87 pound fat gain.

Del. offers marketing workshop for grain farmers

NEWARK, Del. — As the cost-price squeeze continues to tighten, grain farmers are placing increasing emphasis on marketing, as they plan their farming operations. To help growers make more profitable marketing decisions, the Delaware Cooperative Extension Service has scheduled a workshop on Grain Marketing Strategies and Alternatives, Thursday and Friday, December 3 and 4, at the Sheraton Inn in Dover.

The Thursday morning session starts at 9 and will include reports on the current feed grain and oilseeds situations and outlook by U.S. Department of Agriculture senior commodity analyst Sam Evans and USDA agricultural economist Leslie Herren. These will be followed by a talk on "Basis Trading: How it Works and How to Use It," by Chuck Krepshaw of Cargill Inc., Seaford.

The Thursday afternoon session runs from 1:15 to 3. It will begin with a talk by University of Delaware Extension crops marketing specialist Carl German on hedging as a marketing alternative. Then Merrill Lynch vice president Bob Purkey will discuss grain marketing strategies for 1981-82 and 1982-83 crops. Purkey, who manages the brokerage's regional commodity office in Virginia Beach, Va., has had extensive experience in the grain trade as a merchandiser and account executive. He is also a grain inspector.

The final session of the workshop will run from 8 a.m. to noon on December 4. It will include an explanation and demonstration of the Extension Service's new computer hedging program — the result of a four-year effort by German to develop a system which simplifies marketing decisions for Delaware grain farmers.

This presentation will be followed by a talk by University of Delaware Extension farm management specialist Don Tilmon on "Risk Considerations in Marketing Decisions." The workshop will conclude with a skit prepared by John Troth, account executive for Merrill Lynch, and Kent county agent Dave Woodward entitled "Everything You've Always Wanted to Know About Opening a Commodity Hedging Account."

There is a $10 registration fee for the workshop. To pre-register, call the county extension office in Newark 302/738-2506, Dover 302/736-4675, or Georgetown 302/856-5250.

Penn State schedules game bird conference

UNIVERSITY PARK — The annual Pennsylvania Game Bird Conference is scheduled for February 22 and 23, 1982 at Penn State. This course is designed for anyone interested in game birds or hunting resort operation.

The various sessions will be conducted by some of the most experienced individuals in the fields of game bird production and hunting resort management.

For additional information and a registration form, please contact Agricultural Conference, 410 J.O. Keller Bldg., University Park, PA 16802.

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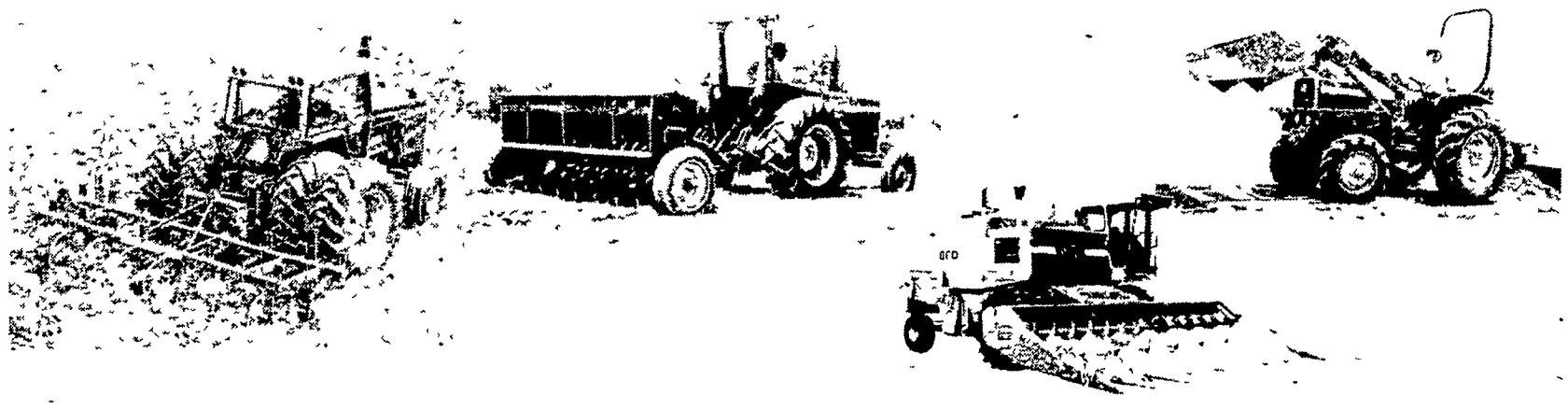

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21 Pa. FFA'ers receive American Degrees

KANSAS CITY, MO. — Twenty-one members of the Future Farmers of America from Pennsylvania were awarded the American Farmer Degree, the highest in FFA, at the 54th National FFA Convention in Kansas City, Mo. last week.

More than 20,000 blue-jacketed FFA members, parents and guests attended the Stars Over America Pageant at which 779 young agricultursists received the American Degree.

Receiving the coveted golden key and certificate, the American Farmers represent the finest of the nearly half-million FFA members in 8,313 chapters across the nation. The achievement also represents some six or seven years of work through chapter and state programs to reach the highest degree level.

Following the ceremony, the members heard an address by farm broadcaster Orion Samuelson.

The American Farmer program is sponsored through the National FFA Foundation by J.I. Case, Federal Land Banks, the Chevrolet Division of General Motors, Pioneer Hi-Bred International and Production Credit Associations.

Heading the Commonwealth contingent of American Farmers was David Wenger, of Myerstown and the ELCO Chapter, who was a finalist in the Star Agribusinessman of America competition. Wenger earlier had been named Eastern Region Star Agribusinessman.

Other Pennsylvania recipients of the American Degree:

Robert F. Bachman, R1, Washington Boro, Manor Chapter, Penn Manor High School.

Dale L. Balmer, R2, Manheim, Manheim Chapter, Manheim Central High School.

Candy Barker-Cooney, R1, Ulysses, Headwaters Chapter, Northern Potter High School.

Glyn Richard Boone, R1, New Alewxandria, Derry Chapter, Derry Area High School.

Ed Breckbill, R1, Oxford, Oxford Chapter, Oxford Area High School.

Bryan J. Burkholder, R1, Annville, Little Dutchmen Chapter, Annville-Cleona High School.

Daniel E. Cummins, R2, Claysville, McGuffey Chapter, McGuffey Jr.-Sr. High School.

Samuel L. Dayhoff, Gettysburg, Battlefield Chapter, Gettysburg Area High School.

Leon S. Dell, R2, Martinsburg, Central Cove Chapter, Central High School.

Jay Wilbur Gainer, R4, Manheim, Manheim Chapter, Manheim Central High School.

Curtis L. Glazier, R1, McConnellsburg, McConnellsburg Chapter, McConnellsburg High School.

Daniel P. Hershberger, R4, Quarryville, Solanco Chapter, Solanco High School.

Alan D. Hostetter, R2, Annville, Little Dutchmen Chapter, Annville-Cleona High School.

Robert F. Bachman

Leon S. Dell

Dale L. Balmer

Jay W. Gainer

Ed Breckbill

Daniel Hershberger

Barry Hostetter

Samuel L. DayHoff

Alan Hostetter

Lane Keen Jr.

David Wenger, left, of Myerstown, receives his American Farmer Degree from Mark Herndon, National President of the Future Farmers of America at national convention in Kansas City, Mo.

Martin C. Moyer

Paul C. Shelmire III

Barry Wilmer Hostetter, R1, Oxford, Oxford Chapter, Oxford Area High School.

Lane S. Keen Jr., R1, Glenmoore, Owen J. Roberts Chapter, Owen J. Roberts High School.

John M. Kolesar Jr., R2, Wysox, Northeast Chapter, Northeast Bradford High School.

Martin C Moyer, R1, Womelsdorf, Tulpehocken Chapter, Tulpehocken Area High School.

Gary N. Olson, R2, Marion Center, Marion Center Chapter, Marion Center High School.

Paul C. Shelmire III, Quakertown, Upper Bucks Technical Center, Quakertown Community High School.

Doug Elwood Walter, R2, Lewisburg, Mifflinburg Chapter, Mifflinburg Area High School.

FFA cites Kirk at convention

KANSAS CITY, Mo. — Thomas Kirk, of R1, Honey Brook, graduate of the FFA program at Twin Valley High School, was named a National Proficiency Award winner in Agricultural Processing at the Future Farmers of America convention last week.

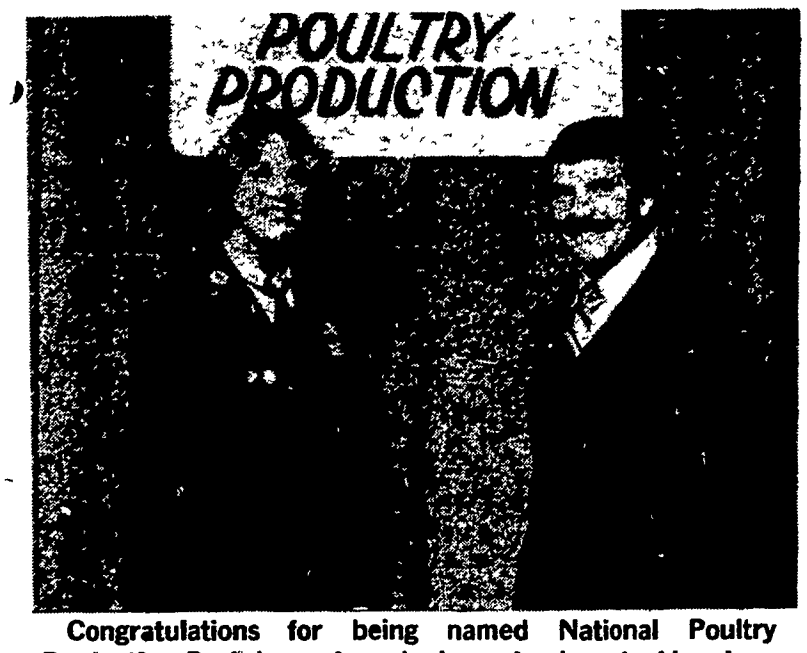
Previously an Eastern Region winner, Kirk topped other regional competitors at the convention.

Kirk participated in a co-op program in which he worked in the family meat cutting operation. As a part of the program, he gained experience in making retail cuts of meat, mixing patties and grinding meat.

He also fills custom freezer orders, processing, cutting, wrapping and freezing according to individual customer specifications.

His future plans call for becoming a partner in the family operation.

Thomas Kirk, of R1, Honey Brook, receives congratulations from Jim McDougall, director, Cattle Feed Programs, Nutrena Feed Division of Cargill, Inc., for national placing in Ag Processing Proficiency Award Program.



Congratulations for being named National Poultry Production Proficiency Award winner is given to Lisa Jane Weikel, R2, Jonestown, by Kim Havens, Assistant Executive Director, National FFA Foundation Sponsoring Committee.

Lisa Weikel wins FFA poultry award

KANSAS CITY, MO. — Lisa Jane Weikel, of R2, Jonestown, graduate member of the FFA program at Northern Lebanon High School, was named a national winner in the Poultry Production Proficiency Award Program at the Future Farmers of America convention last week.

Competing as the Eastern Regional Proficiency winner, Lisa captured the national crown in competition with other regional winners on Friday, Nov. 13.

The daughter of Mrs. Andrea Weikel, she is a full-time partner in the family poultry operation, which was begun in 1978.

She has a 50 percent interest in 42,000 laying hens, which produce more than a quarter million eggs a week.

The 18-year-old FFA member utilizes all of the latest management techniques in the operation, including weekly weighing of hens to determine gains or losses in production, force molting to bring hens back into production and precise regulation of light in the poultry house to correspond with changes in production.

She is in charge of the egg room and helps coordinate the shipment of the eggs to the dealer.

The youthful poultry operator also maintains continuing and accurate production, feed and health records of the flock.

Future plans call for her to participate in expansion of the family operation and building her own processing plant.

Md's Glade Valley Grange takes second place

Nat'l Grange announces community service winners

SPOKANE, Wash. — For over 30 years the National Grange has sponsored a Community Service Awards program for its 5,000 local chapters. Millions of dollars have been raised and millions of voluntary man hours have gone into thousands of projects to benefit local communities.

Last Wed., Kermit Richardson of Barre, Vt., Lecturer (program director) of the National Grange, announced the national winners of the 1981 Community Service Program. First place was won by Stillwater Grange, Kalispell, Mont., second place, Glade Valley Grange, Walkersville, Md., third place, Two Rivers Grange, Fairbanks, Ak. and fourth place, Montgomery Grange, Round Mountain, California. The National Grange is holding its annual meeting in Spokane, Nov. 9-16.

Richardson said Stillwater Grange exemplifies what a small group of dedicated people can do. With only 70 members, the Grange enlisted voluntary support from nearly 200 others in the community to complete construction of a new hall to be used by the whole community. They also sponsored classes to train babysitters, a wood safety class and raised funds to assist other community groups.

Glade Valley Grange in Maryland won second place honors for the their total community involvement. Every member serves on a committee. Glade Valley's activities provide services its community would not otherwise have.

Two Rivers Grange in Alaska is the center of its community's social and educational activities. It sponsors a medical clinic, CPR classes and other health related activities. California's Montgomery Grange members completed the construction of a community hall, donating over 3,000 hours of manpower and raising over $5,000.

Throughout the year in almost every state local Granges are working on community service projects to improve their communities. These special projects are in addition to their routine "Good Neighbor" activies. The projects are both large and small, ranging from developing a senior citizens housing community to clean-up campaigns. All of their time is voluntary and when materials are needed, Grange members respond with donations and solicit assistance from other community groups through fund-raising activities.

Del. turfgrass conference coming Dec. 7

NEWARK, Del. — The 1981 Delaware Turfgrass Conference will be held Monday, December 7, at the Hercules Country Club in Wilmington.

The morning session starts at 8 a.m. It will include talks on lawn renovation, maintenance of golf greens, growing attractive turfgrass with a restricted water supply, and a report on Eptam, a promising grass growth suppressant. These will be followed by a talk by Alexander (Al) Radko, national director of the U.S. Golf Association on "Golf Course Management — A 34 Year Perspective."

Following lunch, there will be presentations on developing a tree management strategy; Diplodia tip blight in Delaware pine trees; winter and spring turfgrass disease control; planning and constructing the modern golf course. The afternoon session will also feature a talk by University of Delaware grounds superintendent Tom Taylor on "Grooming the Hen Yard — Home of the Fighting Blue Hens." The meeting will adjourn at 4 p.m.

The conference is sponsored jointly by the Delaware Turfgrass Association and the Delaware Cooperative Extension Service. For further information call the department of plant science at the University of Delaware 302/738-2531. Pesticide applicators interested in becoming recertified can obtain credit by attending.

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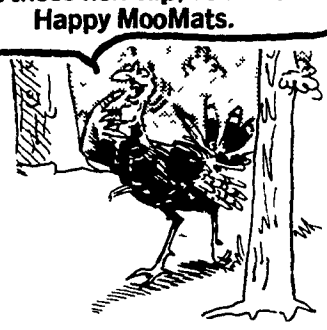

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Bradford Co. dairyman claims '81 high state average

BY JANE BRESEE
Staff Correspondent

TOWANDA — Four Holstein breeders were recently honored for high state herd at the Eastern Bradford County DHIA Dinner Meeting.

William and Janet Brown's 30 registered Holsteins tallied the number one state herd average of 23,437 pounds of milk and 903 pounds of fat.

Bill and Ginny Davis turned in the high herd average for their 67 milking Red and White Holsteins, recognized as a breed for the first time this year.

Orville Yoder, Bradford County Extension agent, presented honorary rosettes to owners of herds with less than 200,000 somatic cell count. High butterfat production also received special recognition. The William Browns finished with more than 900 pounds of fat. Twenty county herds finished in the 700 pounds of fat category while 37 herds finished in the 650-699 pounds of fat range.

Troy DHIA supervisor manager, Brent Skinner, reported that 404 herds were on test at the end of September compared to 390 last year. In addition, there were 74 Owner-Sampler herds.

Skinner also stated that a new meter checking rule is in effect. The rule states that any meter used 25 times or more a month is subject to semi-annual checks.

Skinner reported that seven out of nine Bradford County DHIA supervisors recieved the state-issued Supervisor Merit Award, which was the highest percentage in the state for honored supervisors.

Roy Beardslee, president of Bradford County DHIA, conducted a paper ballot election to fill the spots of four out-going directors. James Kitner, Mercur was reelected Owner-Sampler Director from Eastern Bradford. Election of other directors will be determined at the Western Bradford DHIA meeting.

The following is a list of Bradford County producers finishing with more than 700 pounds of fat: William Brown, Nichols, N.Y. — 23,437 pounds of milk, 903 pounds of fat; Donald E. Harkness, Monroeton — 20,093M, 788F; Richard H. Packard, Troy — 20,251M, 765F; Robert Taylor, Rome — 19,013M, 760F; Windham Valley Farm, Rome — 19,865M, 742F; George M. Shell, Columbia Cross Roads, 18,085M, 738F; Russel L. Jones, Little Meadows — 19,614M, 736F; Ronald P. Davis, Warren Center — 18,426M, 734F; Earl J. Gamble, LeRaysville — 18,265M, 731F; Archie L. Williams, LeRaysville — 19,398M, 723F; Milford Kinsman & Son, Troy — 18,186M, 721F; Y Run Dairy Farms, Troy — 18,568M, 720F; Wayne H. Lamont, Troy — 19,565M, 719F; Tom & Diane Elliot, Towanda — 18,965M, 719F; Dale Mattocks, Columbia Cross Roads — 18,309M, 718F; Lewis & Lois Anderson, LeRaysville — 17,825M, 716F; Clarence & Keith Crain, Wysox — 19,064M, 715F; Ford Ridge Farm, Rome — 18,371M, 714F; Orton Mattocks, Troy — 18,766M, 712F; H.W. Russell & Sons, Rome — 17,658M, 701F; Donald Jennings, Jr., Canton — 18,845M, 701F.

Bradford County agent, Orville Yoder, right, congratulates Janet and William Brown for achieving the highest herd average in the state. With a 29-cow herd, the Brown's record finished at 23,437 pounds of milk and 903 pounds of fat.

Stoltzfus is Chester Co.'s top dairy producer

By Joan McIntire

GUTHRIESVILLE — The Chester County Dairy Herd Improvement Association awarded Herd Production Awards to six farmers at its 23rd annual meeting and banquet here last Thursday.

Melvin Stoltzfus, Cochranville, was the top producer with a herd record of 840 butterfat and 21,527 pounds milk. Other award winners were, John M. Umble and Sons, Atglen, represented by Alan Umble, with 779 pounds butterfat, 19,489 pounds of milk; John S. Stoltzfus, Atglen, with 775 butterfat, 19,902 pounds of milk; Paul King, Cochranville, 766 butterfat, 19,839 pounds of milk; David and Tim Kauffman, Atglen, 754 butterfat, 20,626 pounds of milk; and Robert Pebble, Oxford, 752 pounds of butterfat, 19,712 pounds of milk.

Charles J. Moore, Lester High, and Sam Acker were elected to the board of directors.

During the business meeting, President Nicholas Tkaczuk explained that the association was running in the red. It was required to pay unemployment tax for the past year, he said, and decided to operate in the red rather than assess members. He indicated that the fees will have to be raised again next year due to rising costs.

In his report on the Pennsylvania Dairyman's Association, Robert Pebbles said the Association promotes dairy welfare, sponsors the Dairy Princess and 4-H judging, provides ribbons and product certificates, supports research and updates the computer capacity, and furnishes money for product sample testing.

Pennsylvania Dairy Princess Charlene Rohrer, Cochranville, performed a skit promoting dairy products

Roy O. Christman, Hamburg, Berks County, showed slides of his 1978 trip to Pakistan. Sent by the State Department, Christman reported to the State Department and Congress when he returned. He said that on a Pakistan dairy farm, he saw a stainless steel bulk tank that "had a coating of flies." They just skim the flies off and let the next batch come in to get their fill." Also, he said that Pakistan's top dairy cow produced 5,000 pounds of milk. He was surprised, he said, to have seen many Russian built tractors.

Award winners at last week's Chester County DHIA banquet included, from left, Alan Umble, Atglen; David Kauffman, Atglen; John S. Stoltzfus, Atglen; Paul King, Cochranville; and Robert Pepple, Oxford.

Members of the 12-man Chester County DHIA Board of Directors are: front row, from left, David Weaver, Glenmoore; Nelson Stoltzfus, Parkesburg; Jeff Yoder, Elverson; George Lamborn, Nottingham; Leon Kurtz, Cochranville and Nicholas Tkaczuk, Elverson. Back row, from left, Charles Moore, Cochranville, newly elected; Richard Hoopes, West Grove; Steve Mason, Nottingham; Lester High, newly elected; and Glenn Freese, Nottingham. Not pictured, Sam Acker, Chester Springs, newly elected.

USDA seeks public comment on soil conservation

HARRISBURG — The Secretary of Agriculture announces the opportunity for people to comment on the U.S. Department of Agriculture's proposed soil and water conservation program. The program features expanded roles for local and state governments and the targeting of USDA dollars and personnel to conserving critical resource problem areas.

People who are interested in the proposed program, or potentially affected by it, are invited to comment. Responses will be accepted through January 15, 1982, and can be mailed to State Conservationist, Soil Conservation Service, Box 985, Federal Square Station, Harrisburg Pennsylvania.

The proposed program would concentrate more USDA assistance in areas where soil erosion and other problems threaten to reduce agricultural productive capacity and to increase agricultural production costs, according to Graham T Munkittrick, State Conservationist SCS. Basic USDA technical and financial assistance would continue in all areas.

The program would use local and state conservation coordinating boards to identify critical problem areas, set priorities, and develop program for local and state action to solve the problems. These boards would be based on existing organizations—conservation district boards, Agricultural Stabilization and Conservation committees, Extension advisory boards, and other groups.

Based on the recommendation from these local and state boards and national priorities, more USDA assistance would be aimed at reducing the most serious soil erosion and related problems.

The program is the Department's proposed response to Soil and Water Resources Conservation Act of 1977. It is detailed in an RCA Progam report, Munkittrick says. This report and a summary leaflet with response form are available at SCS and Agricultural Stabilization and Conservation Service offices throughout the state.

The basis for the program is an appraisal of the condition, trends and natural resource problems of the Nation. Published in two reports, the appraisal is also available for public reference in the two USDA offices.

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Corn borers on rise in Delaware

NEWARK, Del. — Entomologists with the University of Delaware Agricultural Experiment Station have just completed their annual fall European corn borer survey. The results show a three-year trend toward higher ECB populations in the state, with more than a 100-percent increase this year over the 1980 average, reports chief surveyor Charles E. Mason.

He found an average of 474 overwintering borers per 100 plants this fall, compared to only 231 a year ago.

Like many other insects, corn borer populations run in cycles. Right now, says the insect ecologist, their numbers are on the upswing. The last high population occurred in 1978, when an average of 569 borers per 100 plants were found. By the following year, the population had dropped to only 154. The most corn borers ever recorded during the 45-year history of the survey was 707, back in 1977.

It's too soon to predict what impact the present ECB population will have on next season's crop, says Mason. A lot depends on how many larvae survive the winter on the amount of egg laying in the spring, and on the rate of parasitism. In recent years, surveyors have found increased numbers of Lydella thompsoni a fly that parasitizes the borer.

Paul P. Burbutis, a specialist in biological control at the Experiment Station, has been studying the Lydella parasite, which he says he believes can be of help in reducing ECB populations in the state. The Kent county field which last year had the highest percent of parasitized larvae had the lowest number of borers per 100 plants this year — a promising sign.

The 1981 Delaware ECB survey was conducted September 22 through October 7. Ten fields in each county were sampled. Twenty-five plants from each field were examined. From these, the percentage of plants infested and the number of live borer larvae per 100 plants were determined.

New Castle county had roughly half as many borers per 100 plants as did the remaining two counties, reports Mason. Three of the four fields having the highest number of borers per 100 plants are located within 11 miles of each other in any area west of Milford. Number of borers per 100 plants ranged from lows of 34 and 48, to highs of 1050, 1200 and 2200.

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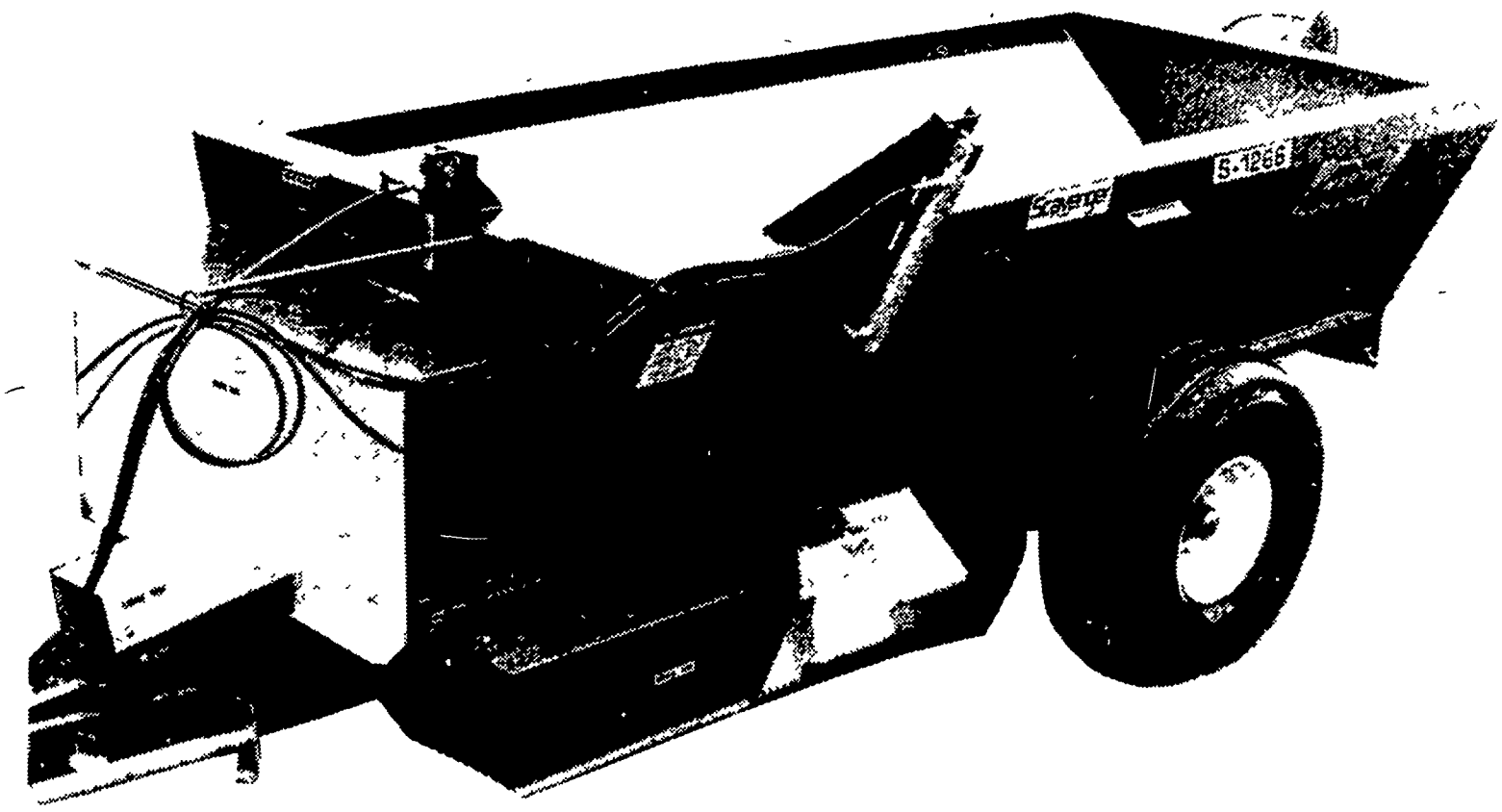

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Soil erosion is still Number One problem

COLLEGE PARK, Md — After four decades of soil conservation programs, erosion is still the dominant problem on more than half of the nation's cropland, says a National Resources Inventory report

Fred Miller, agronomist at the University of Maryland, says that agriculture will have to expend an additional 50 million barrels of oil a year to compensate for production losses because of erosion. According to Miller, the U.S Department of Agriculture admits that conservation efforts have accomplished less than a quarter of what is required to bring the erosion problem within tolerable limits on U.S. cropland.

Nearly one fourth of the nation's cropland has an annual erosion rate over 5 tons per acre. According to Miller, the average annual soil loss in Maryland is seven to eight tons per acre.

"The process is so subtle in many cases, the farmer doesn't even realize it," Miller says. He cites, for example, that an acre inch of topsoil weighs about 150 tons. If 10 tons per acre is lost each year, it will take 15 years to lose one inch. He adds that when rills or tiny gulleys become noticeable, it is an indication that 15-20 tons per acre are being lost

Miller points out the importance of ground cover to insulate the soil from the impact of the raindrop.

"The critical item in mulch erosion control is the cover — to intercept the energy in all that raintall " No-tillage methods maintain the cover and can be as productive as conventional farming with most soils he says

Many farmers have adopted no-till practices not only to conserve soil but also to economize because equal to or better yields can result with less time spent in the field Miller says that no-tillage corn has been "extremely effective" and that about half of the corn in the state is planted by no-till, but warns that of the remaining half, much is being planted on highly erodable land.

"For every inch of topsoil lost, we lose about three bushels per acre — based on corn," he adds.

Studies have found that corn yield losses from erosion range from more than one bushel to nearly nine bushels per acre for each inch of topsoil lost. According to Miller, the USDA expects corn and soybeans yields to drop as much as 30 percent over the next 50 years on some soils if current erosion rates continue.

Herbert Brodie, Extension agricultural engineer, asks, "Is the operation of machinery so complicated that tillage tools can not be lifted across a grassed waterway without destroying it?"

When fields are disced, grass waterways which carry upland runoff are often eliminated, apparently to save time and management effort. After a rain, although the grass is gone, it becomes obvious [illegible] the waterways are still there. With more rain, the waterways grow into gulleys and as crops are planted the gulleys become noticeable because nothing grows there

During the spring, when raintall is plentiful, it is easy to see what these gulleys do to fields, although crops can sometimes hide the evidence Although the growing season has ended, the problems are not over, he assured the gulleys still exist, and additional maintenance will be needed from crossing that gulley on every field pass

Brodie cites a case where a gulley caused 1,000 tons of soil (about $14,000 worth) to be moved from a field in less than six months. "Obviously, this farmer doesn't put much value on his soil," he says.

Grass can help in other ways as well. Buffer strips around the edge of the field to prevent soil loss will eventually outweigh the value of corn which could be planted in those end rows, Brodie says.

According to Miller, domestic and foreign demand for grains is increasing. These crops, often require land disturbance and cultivation, thereby exposing the land to the ravages of erosion. At the rates exports are increasing, "the danger of over-working the land is becoming imminent."

He explains that as demand boosts prices, "knee-jerk" reactions in the market by farmers to get top profits can totally destroy conservation measures. For example. straight row cultivation of tilled crops on hilly land, which is faster and easier than following the contour of the hillside, can result in erosion that may be many fold greater.

Erosion losses from deep soils, which can stand large amounts of erosion for many years, may not show a direct loss in crop yields today, but if continued will eventually reach a threshold of yield reductions, Miller says.

Measures to curb erosion involve financial burdens on farmers and taxpayers. Although some farmers believe in long-term agreements between the government and landowners, designed for conserving and insuring land investment, quick and easy production practices still mean the greatest short-term profits, Miller says. He is not surprised that farmers do not invest in erosion control since the costs are immediate while the benefits are spread over many decades.

"If a farmer is in a cost-price squeeze, he needs to cut corners, and an erosion plan with small immediate benefit may often be one of those things that is cut.

However, the government is providing some cost-sharing to farmers and many conservation practices are being subsidized.

Miller stresses the need for the professional conservationist to work directly with the farmer to plan control practices and points out that, while the farmer often does not have access to special kinds of equipment, technical assistance is available.

Along the designing programs for cost-sharing and developing technologies which protect the land while increasing yield, conservation remains a voluntary option on the part of the landowner, Miller says. While the payoff of conservation investments is long-term, "the farmer is in a short-term economic ball game."

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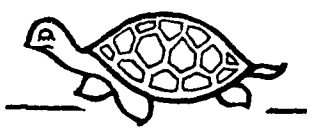

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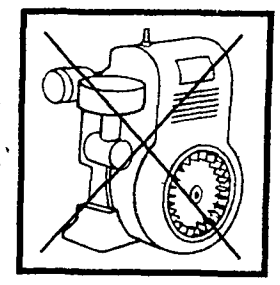

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USDA soil and water appraisal now available

HARRISBURG — The most comprehensive appraisal ever conducted of the Nation's soil and water resources is available for reference in local offices of the Soil Conservation Service and the Agricultural Stabilization and Conservation Service.

SCS Chief Norman A. Berg said that the appraisal which was called for by the Soil and Water Resources Conservation Act of 1977 reveals that soil erosion is critical in many important farming areas of the United States. If continued, Berg said, these high erosion rates will reduce the future ability of the country to produce food and fiber. He added that upstream flood damage and other resource losses are likely to increase if current trends continue.

The appraisal is published in two volumes. Part I, Status Condition and Trends, presents data on soil, water, and related resources in the United States. Part II, Analysis of Resource Trends, shows likely future consequences if current practices continue.

These documents replace earlier drafts of the RCA Appraisal. Extensive public comments on the drafts are reflected in the final version of Parts I and II.

Corn, tobacco production up

HARRISBURG — Based on November 1 conditions, Pennsylvania's 1981 crops of corn for grain and tobacco should be above last year's production, according to the Pennsylvania Crop Reporting Service.

Production of corn for grain is forecast at a record high 123.7 million bushels, up 29 percent from last year's drought-reduced crop. A record 1,330,000 acres will be harvested for grain with an average yield of 93.0 bushels per acre.

Tobacco production is forecast at 25.2 million pounds, up two percent from last year. An expected 13,600 acres will be harvested with an average yield of 1,850 pounds per acre.

At the United States level, feed grain production (corn, sorghum, oats and barley combined) should be 24 percent above last year's production. Corn for grain production is forecast at a record high 8.10 billion bushels, 22 percent more than last year. The forecast is two percent above the previous record set in 1979.

Soybean production nationally is forecast at 2.08 billion bushels, down one percent from last month's forecast, but 16 percent above the 1980 crop.

National tobacco production is forecast at 2.03 billion pounds, 14 percent above last year's crop. Area for harvest should increase five percent from last year to 963,370 acres, with an average yield of 2,102 pounds per acre.

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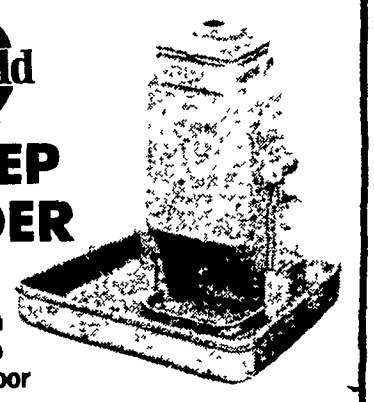

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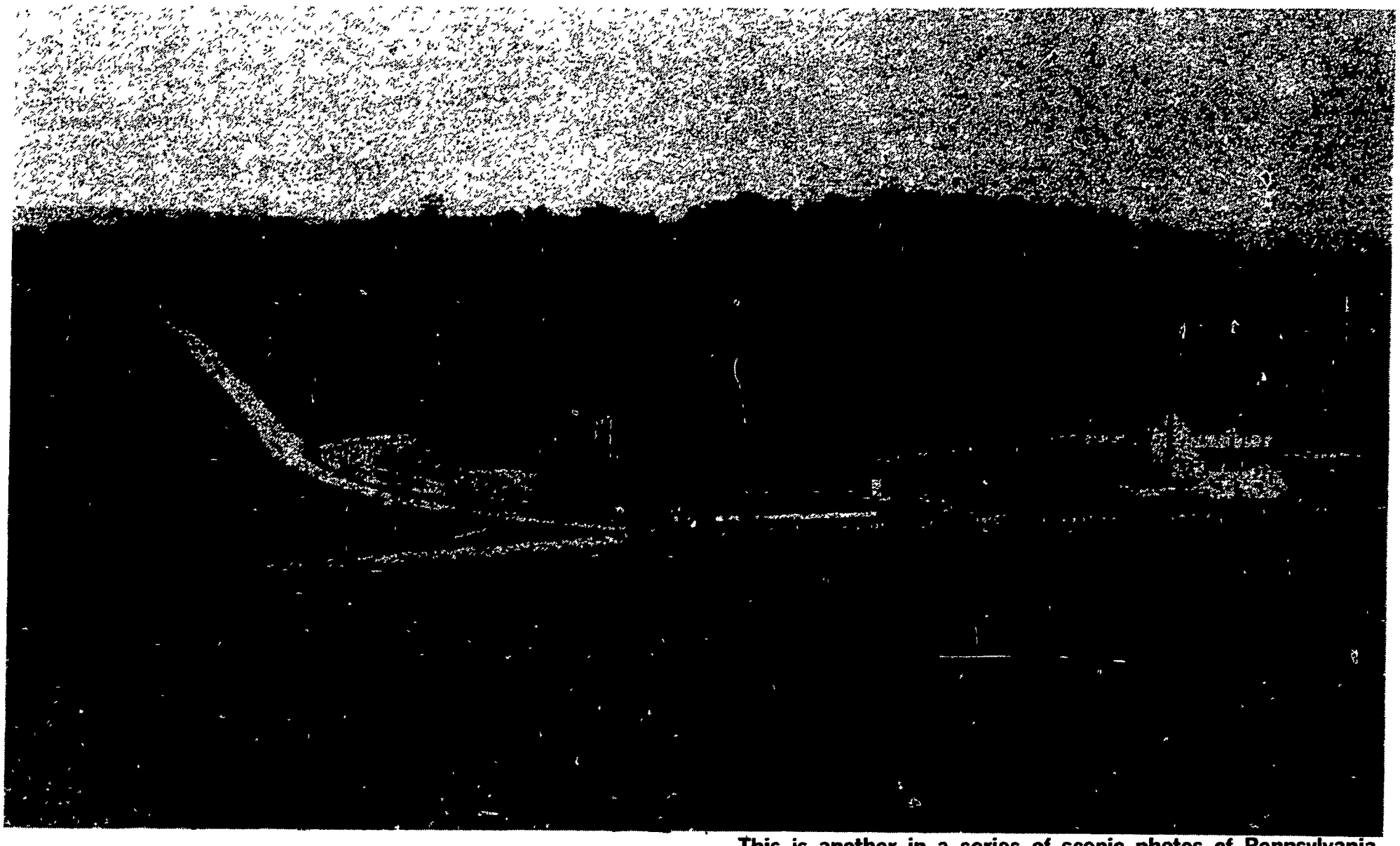

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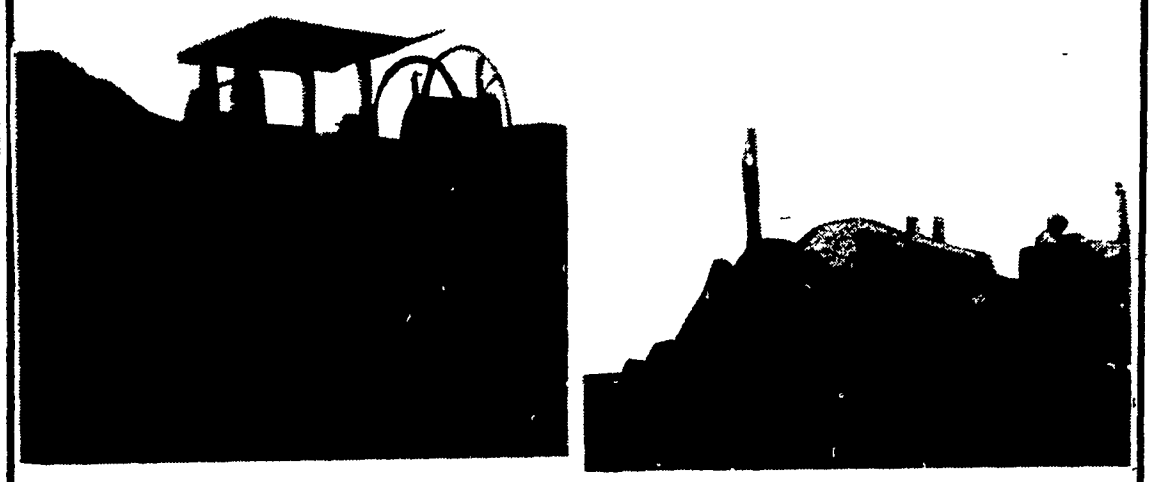

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Agronomic crop topics highlight Northeastern Weed Science meeting

NEW YORK, N.Y. — Sessions covering a wide range of topics relating to agronomic crops will be held at the 36th Annual Northeastern Weed Science Society Meeting at the New York City Sheraton Centre Hotel, January 5-7.

Program chairman Tom Watschke of Penn State says the agronomic crops sessions are scheduled for Tuesday afternoon and Wednesday and Thursday mornings.

Section chairmen are: Betty Marose, of the University of Maryland, Nathan Hartwig, of Penn State; and Frank Webb, of the University of Delaware.

Some of the technical papers to be presented include:

The Effect of Pendimethalin on Pigweed and Velvetleaf Development - T. Malefyt and W.B. Duke, Cornell University, Ithaca, NY.

Postemergence Weed Control in Soybeans with some New Grass and Broadleaf Herbicides - L.C Horng and R.D. Hnicki, Rutgers University, New Brunswick, NJ

Analysis of Weed Control Components for Conventional Wide-Row Soybeans in Delaware - D.L. Regehr, University of Delaware, Newark, DE,

Selected Weed Control Treatments for Minimum Tillage Corn - C.B. Coffman and J.R. Frank, USDA-S&E-ARS, Beltsville and Frederick, MD, and

Post-Cutting Herbicide Applications - R.A. Peters and J.R. Zaprzalka, University of Connecticut, Storrs.

More than a hundred papers will be presented at the three-day meeting. Sessions also will cover research findings in turf and ornamentals, horticultural crops, and industrial weed and brush control problems

Copies of the complete program and hotel reservation cards are available from R.R. Hahn, secretary-treasurer of the Society. His address is. Agronomy Department, 147 Emerson Hall, Cornell University, Ithaca, NY 14853.

Farmers are economy's backbone

LANCASTER — The world's growing appetite and its increasing dependence on American farmers will probably match any expansion in United States agricultural output during the next two decades.

From 1970 to 1980, United States agricultural exports rose from 62 million metric tons or 164 million tons By the end of the 1960s, foreign demand required the production of about 1 acre out of every 5 planted, or 14 percent of total marketings.

By the end of the 1970's exports accounted for 1 out of every 3.5 acres planted, or 30 percent of the total marketings. As a result, between the markets at home and abroad, there was a buyer for nearly every kernel of grain produced.

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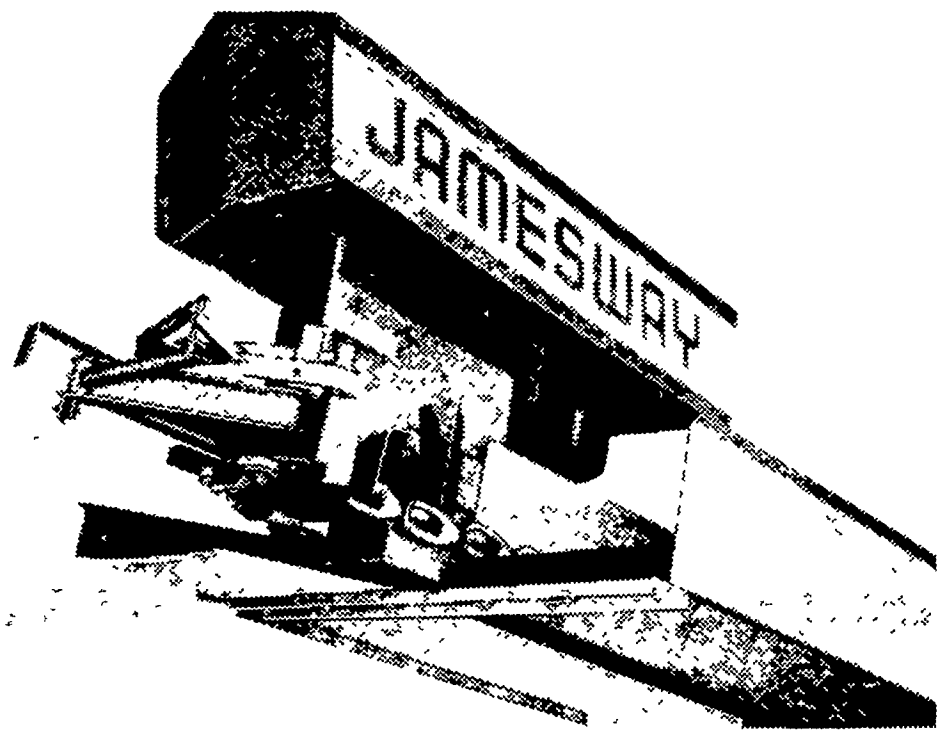

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The Allis Chalmers 6080 with 83 66 PTO HP* has the best fuel economy and best torque rise at 27%

When the test results were in the fuel economy rating of the 6080 left Deutz Deere Fiat MF White and Case behind While other makers of tractors are talking fuel economy the 6080 is delivering results The best in its class with reserve power rating of 27′ torque rise

	6080	6060
PTO HP*	83 66	63 80
Gal/HPhr	0599	0633
HPhr/Gal	16 68	15 82
Torque Rise	27%	35%

The Allis Chalmers 6060 with 63 80 PTO HP* has the best torque rise at 35%

With a rating of 35° torque rise the 6060 outperforms the Deutz Deere IH MF Fiat and Case tractors The 6060 has the best torque rise in its class And very good fuel economy too

Manufacturer s maximum observed PTO horsepower at rated engine speed

Best balance of torque and fuel economy

The 6080 and 6060 tractors deliver the best of both worlds High torque rise and low fuel usage

It s the kind of balance that comes from an Allis Chalmers four cylinder direct injection diesel engine Turbocharged in the 6060 s turbocharged and intercooled in the 6080 s Transfer this high performance power into pull with a 12 speed transmission in the 6080 s and an 8 speed in the 6060 s Each is synchronized for easy shifting with the right speed to take on any job For dependability there are large planetary final drives wet disc brakes mechanical differential lock and a big capacity open center hydraulic system

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Smoker tops Potter Co. DHIA

COUDERSPORT — Holstein breeders Ivan Smoker & Sons had the highest herd record this year in Potter County In addition, the Genessee dairyman claimed the top cows in pounds of milk and pounds of fat, according to a recent Potter County yearly summary

The Smokers finished the year with a high herd record of 20,821 pounds of milk and 769 pounds of fat on 98.7 cows Their 6-year-old registered Holstein Cameo was top cow in the county finishing with 28,808 pounds of milk and a 3 7 percent test Smoker s 1,131 pounds of fat.

Additional results of the Potter County DHIA follow

POTTER COUNTY DHIA
ANNUAL SUMMARY

OWNER	BREED	NO COWS	% DAYS IN MILK	LBS MILK	LBS FAT
Ivan Smoker & Sons	RH	98 7	86 6	20 821	769
Ivan Kibbe Jr	RH	89 1	91 8	18,638	762
Snyder Farms	R&GH	20 7	90 1	17,557	696
Jack Thomas	Mix	47 2	87 9	18,521	690
Jack Knowlton	R&GH	52 8	90 7	18 978	684
John C Traub	R&GH	38 5	84 7	20 152	682
Fred A Knowlton	RH	36 2	88 1	19,137	667
Jay N Heisey	RH	71 6	86 5	18,737	664
Maynard Sherman	GH	47 7	86 2	18,405	645
S Michael Greene	R&GH	21 7	88 3	17,514	641

Top ten cows in lactation records in pounds of milk

	AGE CALVING		DAYS IN MILK		MILK LBS
Ivan Smoker & Sons					
Cameo	6 5	4	305	3 7	28 808
Vanilla	4 9	3	305	3 3	28 341
Alvin Miller & Son					
#233	4 8	3	305	2 8	28 246
Ivan Smoker & Sons					
Lizzie	4 4	3	305	3 3	28 049
Kevin Risser					
Judy	5 1	4	305	3 5	26 811
Jack Thomas					
H-Bar	7 11	6	305	3 0	26 752
William Currier					
Josie	4 10	3	305	3 4	26,706
Ivan Smoker & Sons					
Dana	6 9	4	305	4 0	26,423
Maynard Sherman					
Sambo	3 1	2	3[illegible]	3 2	26 318
Jay Heisey					
Maggie	8 11	6	305	3 1	26 162

Top ten cows with lactations high in butterfat

				FAT LBS
Ivan Smoker & Sons				
Lynn	7 1	5	305	1131
Cameo	6 5	4	305	1057
Dana	6 9	4	305	1046
Ivan Kibbe & Son				
Pinta	7 4	5	305	1024
C Wayne Warmer				
Two Shoe	6 4	4	305	1011
Ivan Smoker & Sons				
Dawn	5 1	3	305	1010
Kenneth Lambert				
Diamond	5 7	4	305	1006
Ivan Kibbe & Son				
Daffy	8 8	7	305	996
Laverne	5 8	4	305	982
Ivan Smoker & Sons				
Elsie	8 10	7	305	974

Juniata County DHIA Monthly Report

dhia — Pennsylvania Dairy Herd Improvement Association

October 1981

Records were calculated for 5,903 cows in 106 herds
The ten high herds in average butterfat production per cow per day are listed below Owner s name and address number of cows, average daily pounds milk and butterfat per cow are given in order

James L Swartz	36	61 8	2 15
W Harshbarger & Sons	36	43 1	2 06
Mark L Zook	52	56 0	2 04
Charles Wochley	59	48 9	1 95
Roy & Glen Henry	62	56 5	1 95
Barry E Lucas	37	52 4	1 92
James P Wagner	66	45 5	1 90
George M Stewart	25	50 3	1 89
W Harshbarger & Sons	36	48 9	1 85
Russell J Dressler	38	47 2	1 85

Three hundred sixty seven cows completed records of 305 days or less Two of these produced over 1000 lbs of butterfat, 8 produced over 900 lbs , 17 produced over 800 lbs , 50 produced over 700 lbs , 118 produced over 600 lbs , and 121 produced over 500 lbs

The fifteen high cows are listed below The owner s name and address cow's name, pounds milk and pounds butterfat are given in order

Roy & Glen Henry		
Dove	26,095	1067
Guey	23,051	977
Quntena	24,752	935
Poppy	25,527	912
Jessica	23,242	871
Harold B Shearer		
Dell	24,926	1061
Prince	21,227	982
Mervin R Zendt		
Gertie	25,133	956
Glen B Simonton		
238TRIX	24,725	911
235TERR	23,378	901
9 NEVA	23,867	884
Freeburn & Norman Love		
197	18,916	903
Grand Hope Farm		
55	25,399	899
Zimmerman Brothers		
Heidi	25 313	898
ISKCON Farm		
Bali	20 332	879

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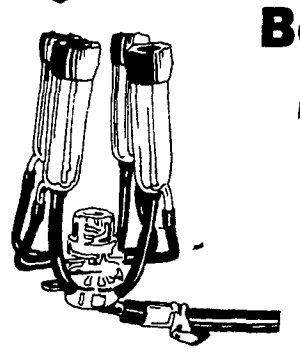

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Lycoming County DHIA Monthly Report

Pennsylvania Dairy Herd Improvement Association

OCTOBER 1981

NAME	BRD	NO COWS	% COW DAYS IN MILK	LBS MILK	LBS FAT
Eugene Hall	R&GrH	67 4	92 2	20,302	818
John Snyder	R&GrH	43 0	88 4	18,259	714
Richard Barto	R&GrH	47 4	85 7	18,635	712
Lester M Poust	RH	60 7	91 1	17,397	709
Sam & Larry Fry	RH	119 5	88 9	17,838	694
Mont-Will Farms	R&GrH	38 2	87 0	18,028	683
Marshall Bros #1	RH	108 6	87 5	16,759	678
Frank J Finck	RH	76 2	91 7	17,736	675
Ritter-Ridge Farm	RH	101 2	84 2	18,058	674
Schon Crest Fms	R&GrH	39 6	91 7	17,229	672
Dennis Eckert	R&GrH	41 5	85 8	18,100	670
Aaron Ritter	R&GrH	33 6	85 5	17,405	655
Willard Brelsford	R&GrH	39 9	87 5	16,702	650
Lost Brook Fm	R&GrH	65 0	87 0	16,576	638
Jesse Snyder	RH	35 7	89 8	15,515	633
Steppe Bros	RH	87 8	87 3	16,446	632
H & A Bower	R&GrH	21 4	84 8	17,374	631
Dale F Cooley	R&GrH	30 5	83 7	16,628	626
Harold R Drick	GrH	20 9	91 9	15 623	620
Marvin L Waltz	R&GrH	70 7	88 0	16 747	608
Edward C Ulrich	R&GrH	34 4	86 9	16 009	603
Miller & Rearick	R&GrH	69 5	86 4	15,670	603
David Jarrett	R&GrH	121 3	85 7	15,572	598
Merrill Holdren	GrH	82 4	85 1	15,648	598
John C Bower Jr	GrH	86 4	85 9	15,709	596
Roy Schultz	RH	35 7	80 9	15,874	594
Ben McCarty	R&GrH	32 8	83 4	15,387	585
Don & Scott Lepley	GrH	39 3	84 7	15,972	584
Richard J Daly	R&GrH	54 9	81 1	15,105	583
Earl L Hensler	R&GrH	39 8	87 7	14 652	583
Mary Katzmaier	R&GrH	53 1	85 0	16,846	581
Richard Schon	R&GrH	25 5	86 7	15,677	574
Robert Voneida	R&GrH	41 0	89 8	14,662	574
M Fuoss Jr	R&GrMix	37 1	86 8	15,459	573
Lycoming Dist	R&GrH	27 8	89 4	15,022	567
Norwood Meisel	R&GrH	62 5	87 5	14,628	555
Eldon L Metzger	GrH	45 8	82 7	15,238	550

Production records for cows producing 650 lbs butterfat & over

OWNER NAME OR NO	AGE AT CALVING	DAYS IN MILK	LBS MILK	LBS FAT
Lycoming Co Inst Dist				
Katy	6 5	18 126	771	288
Samuel & Larry Fry				
Nitzi	8 5	24,421	928	305
Notion	6 5	21,665	899	305
Nile	6 3	17,769	801	298
Almeda	5 7	21,106	885	305
Simeon	5 7	23 157	772	305
Novelty	5 5	21,147	825	305
Anbell	4 10	24 148	765	305
Caron	4 5	21 237	746	305
Nobilit	4 0	20 675	816	305
Lindy 2	3 10	20 477	786	305
Lite	3 3	17,332	716	305
Nesta	3 4	25 551	983	305
Notta	2 3	16,023	652	305
Nimi	2 3	18 779	773	305
Nola	2 1	18 905	679	305
Dinah	2 8	18 631	794	297
Earl L Hensler				
Darlene	5 11	19 255	705	305
Fern	5 2	17,388	694	305
DaisyMa	3 4	12,733	527	305
John Snyder				
Helen	6 6	24,952	911	305
Penny C	6 5	21,827	854	305
Margo	4 0	17,990	703	302
Haven	3 0	16,685	750	305
Vera	3 5	19,738	736	305
Jesse Snyder				
Frolic	8 3	18,319	740	305
Ava	4 1	20 842	918	305
Alex	3 10	20,790	817	305
J David Jarrett				
166	5 5	18,076	804	305
122	4 4	15,977	653	273
200	2 0	20,518	741	305
Robert Voneida				
Janet 2	6 5	20,217	764	305
Ocie	4 8	15,106	662	305
Lester M Poust				
Nada	11 11	23,405	790	305
Lorrie	4 1	19 329	758	305
April	3 3	19,103	733	305
John C Bower Jr				
Violet	10 6	14,885	669	305
Daisy	7 3	21,426	752	305
Sugar	5 3	17,634	662	287
Apple	4 5	18,276	781	305
Martha	4 3	23,256	804	305
Sacha	2 0	20,264	680	305
Willard M Brelsford				
Kay	4 10	20,379	937	305
Erma	6 3	19,683	694	305
Stanley Warn				
Arlene	5 7	19,049	746	305
Steppe Brothers				
Linda	7 10	17,324	675	286
Minnie	4 3	19 296	636	80
Youngsway Farms Inc				
Ellen	4 1	18,960	791	305
Ritter Ridge Farm				
Felicia	5 1	29,988	990	305
Winky	4 10	26,927	933	305
Nichole	4 4	22,088	754	283
Peggy	4 0	30,254	1009	305
Halo	3 4	19,593	756	305
Kate	2 3	19,906	763	305
Eva	2 2	15,948	660	305
Erma	2 4	19,663	659	305
Eugene W Hall				
7 Up	6 5	24,924	969	305
Allie	4 3	25,588	937	305
Serena	3 8	21,584	945	305
Nellie	3 7	19,675	772	305
Pat	3 0	19,028	794	305
12	2-11	17,620	660	305
Marshall Bros Inc				
R 22	11 6	15,627	772	305
B 140	6 0	18,638	1185	305
Ralph I	4 9	19,409	705	305
B 76	6 0	19,455	766	305
B 111	3-3	18,242	725	305
R4	3 8	17,928	751	305
Belle	4 0	19 912	868	305
Miller & Rearick				
104	5 8	18,160	786	305
71	5 2	19 592	675	305
98	3 9	19,199	709	305
Burton Y Staman				
69	10 2	16,106	675	305
Mellisa	6 3	21,635	750	305
42	6-3	18,417	677	305
67	8 1	17,605	696	295
99	4 4	17,333	740	305
Don & David Bogart				
28	5-0	16,253	708	305
6	4-4	15,639	663	305
101	1-3	18,032	759	305
Dennis W Eckert				
Funnyfa	8 2	25,196	936	305
Tina	5-6	17,884	712	305
Ideal	7-10	20,780	772	276
Misty	7-2	24 901	974	305
Cher	4-3	20,866	819	305
Marty	4-7	18,772	680	294
Joni	2-2	17,852	667	305
Merrill Holdren				
135	3-10	19,183	705	264
218	3-2	20,955	783	301
Richard J Daly				
22	7 8	20,638	658	305
67	6 1	19,181	728	305
68	6 1	16,296	729	294
79	5 6	21,426	672	268
80	5 0	18,843	684	305
98	0 0	16,300	733	305
17	3 3	17,232	665	266
14	3 11	17,981	798	305
12	3 9	21,014	773	305
Milton S Fuoss Jr				
Selma	8 2	20,814	799	305
Robert L Tome				
138	5 11	17 890	684	305
Richard Schon				
Jody	7 3	16,634	663	305
Lost Brook Farm				
27	7 9	23,774	951	305
Mary Katzmaier				
R38	6 7	17,455	667	300
R34	8 11	22,582	828	305
Aaron Ritter				
Linda	4	20,236	786	294
Richard Mowery				
203BK	5 11	21,497	696	305
164BK	5 11	17,083	675	305
190BK	5 0	17,331	819	282
26GR	0 0	15,743	659	305
19GR	2 0	18,220	823	305
Eldon L Metzger				
15	5 10	20,904	695	305
Thomas Dunlap				
Julie 10	5 7	21,691	763	305
Duane Herlocher				
Gretchen	9 9	39,515	1411	433
Benjamin E McCarty				
40	6 0	16,119	693	305
28	5 2	18,525	665	305
Edward C Ulrich				
23Fanny	3 3	20,165	663	305
Donald & Wendy Kulp				
Edna	5 2	18,754	689	337
Penny	8 2	20,706	836	395

(Turn to Page D14)

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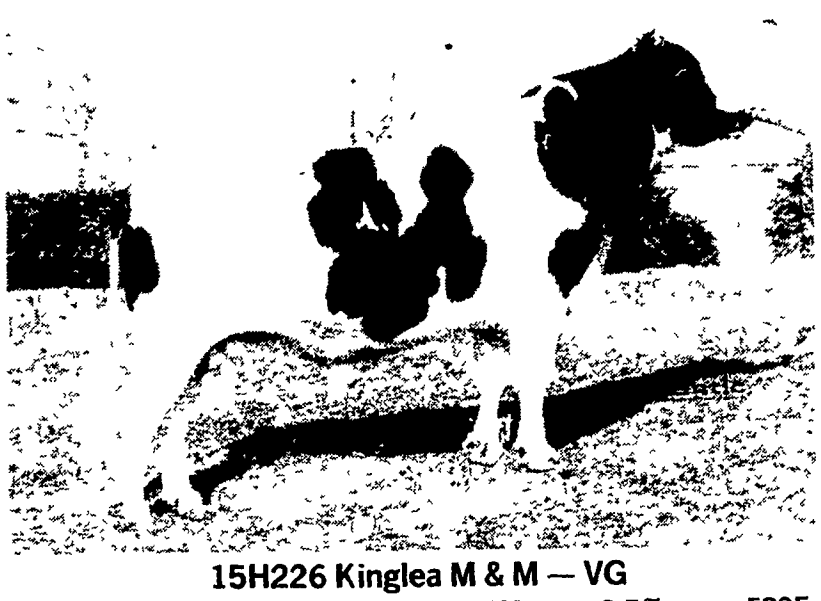
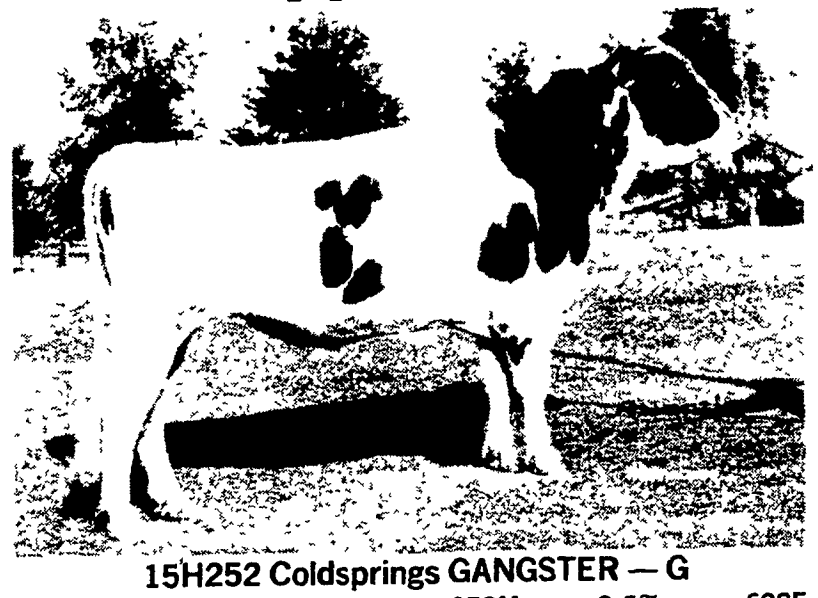


15H226 Kinglea M & M — VG

63 Daus. in 50 Herds Ave.	17,120M	3.5%	599F
Pred. Dif. (77% rpt.)	+$96 +1,087	-.17%	+14

28 Daus. Cl. 78.2; +.47 PDT (64% rpt.)
Sire: Harborcrest Marcus — GP & GM
Dam: Ex Fond Matt dau. with rec. to 27,290M and 1,013F



15H252 Coldsprings GANGSTER — G

29 Daus. in 27 Herds Ave.	17,353M	3.6%	628F
Pred. Dif. (56% rpt.)	+$143 +1,205	-.04%	+38

12 Daus. Cl. 76.7; +.18 PDT (49% rpt.)
Sire: Whittier-Farms Apollo Rocket
Dam: VG Kingpin dau. with rec. to 25,560M and 929F

(July/81 USDA Production and HFA Type Summary)

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Nothing goes to waste in meat processing

WASHINGTON, D.C. — There's more to a steer than steak. Actually, an average 1,000-pound market steer yields only about 440 pounds of beef. Most of what's left–around 40 percent of the animal's live weight–becomes byproducts.

Although beef makes up about 5 percent of the total U.S. diet, Americans really eat even more–disguised in chewing gum, marshmallows, some margarines, and gelatin capsules. And many more items are manufactured from cattle byproducts--sporting equipment, bone china, cosmetics, and photographic film are just a few.

Dividend products come from parts of the slaughtered animal called the "fifth quarter" in the cattle industry.

All these "dividend" products come from parts of the slaughtered animal called the "fifth quarter" in the cattle industry.

In reality, of course, the carcass of a 1,000-pound market steer is divided into only four quarters–two front and two hind–which weigh about 600 pounds and include the fat and bone that will be trimmed at the retail counter. But almost all of the remaining 400 pounds--the "fifth quarter"--become byproducts which have a potential market value.

According to USDA economist Larry Duewer, byproducts make a significant contribution–just over 10 percent–to the packer's profit margin. Byproducts benefit both cattle producers and consumers by helping increase the value of fed cattle without further increasing retail beef prices.

In dollar value, hides account for about half of all byproduct sales Last year's average of $44.50 per 100 pounds of hide was about $27 per animal (a normal hide weighs around 60 pounds).

However, in recent years, hide prices have been erratic. During spring 1979, native heavy steer hides reached a record $90 per cwt., although 1979's average was only $73–still a hefty 64 percent above the 1980 price.

And volatile prices may reflect the primary hide market–export. Between 60 and 70 percent of U.S. hides from commercial slaughter are bound for world trade, and almost all of those (90 percent) go to Japan

In dollar value, hides account for about half of all byproduct sales.

Of course, any change in Japanese demand or in U.S. supply can drastically affect hide prices. And some analysts suggest that dramatic price swings–as in 1979/80–could be a future trend unless the industry replaces hide exports with leather exports.

Some leather industry officials believe that leather–simply hides that have been tanned–would have a wider market appeal and offer greater price stability for wholesalers.

Over the past few years, leather exports have been reaching new records. In 1980, the industry had export sales of $310 million.

But only better grade hides are made into leather–latigo, suede, or tooling. Those of lower quality can be used in the manufacture of felt and certain textiles, as binders for plaster and asphalt, or for the base of some ointments and building-insulation materials.

Leather manufacturers usually buy hides complete with hair and trim them before making a finished product. This leaves another byproduct–animal hair–one of the more difficult items to move.

At one time, upholstery stuffed with animal hair was popular, but synthetics have practically wiped out this market. However, one long-time use of animal hair is the manufacture of artist's paint brushes. This market is limited, though, because only the fine hair from the animal's ear can be used.

Hair does contain a lot of protein, and researchers have developed it as a feed additive for livestock–a less expensive alternative to meat and grain as a protein source.

Tallows and greases are probably second to hides in terms of cash value for byproducts. And the slaughter process provides a lot–an average 60 pounds per animal–of both the edible and inedible varieties

A relatively new and sophisticated byproduct market is the manufacture of pharmaceuticals.

In 1975/76 alone, 2,580 metric tons were produced. This is much more than domestic use (about 1,500 metric tons during that same period) because demand for these items has really been slipping over the last two decades.

As far as eating tallow outright, the average American consumer is no longer interested. Lard, a pork byproduct, had been widely used in cooking before the sixties, but margarine and shortening have essentially replaced lard in the kitchen.

Today, edible tallow's major domestic use is as an additive in livestock and pet foods, again because it is a cheaper source of protein than meat itself. And it sells. The pet food industry is huge, with domestic sales reaching over $2 billion in 1980.

Some inedible tallow is still used industrially, mostly for lubricants, although its bigger market–soap–has virtually dried up with the introduction of synthetics. From 1947 to 1964, tallow-based soap production declined some 2 billion pounds.

But concern over environmental pollution, particularly from detergents, has rekindled interest in natural-based soaps. And scientists working with USDA's Science and Education Administration have been successful in creating (but not yet marketing) completely biodegradable soaps

(Turn to Page D15)

Lycoming Co. DHIA

(Continued from Page D13)

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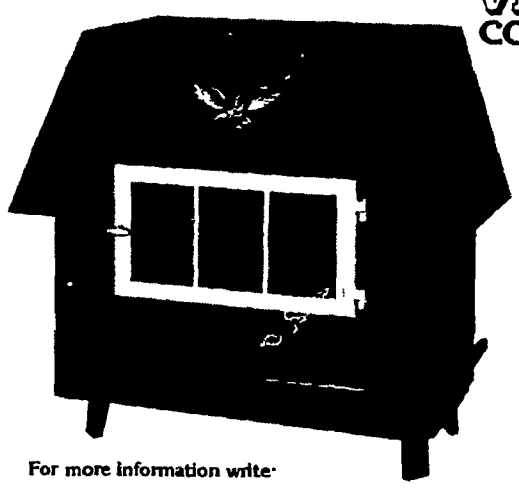

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No waste

(Continued from Page D14)

that are at least 60 percent tallow. Unlike the old tallow-based soaps, these new varieties lather in cool or lukewarm water.

On the list of cash values for byproducts, variety meats–sold directly from slaughterhouse to supermarket–come in third. The most popular, liver, generally nets the biggest return in the marketplace. But the list of variety meats is long–hearts, stomachs, tripe, spleens, livers, kidneys, brains, tongues, and sweetbreads are a few.

These foods are very high in nutritional content but have traditionally had a low appeal for many American consumers. However, higher red meat prices and acceptable–even gourmet–recipes have prompted some consumers to reconsider variety meat delicacies.

Perhaps variety meats are unfamiliar to most American dinner tables, but salads and desserts made from gelatin–another beef byproduct–are just about a national institution. Gelatin is a derivative of cattle collagen. Known as cartilage in humans, collagen is a protein that connects the tissue and bone.

Besides salads and desserts, gelatins are used in making chewing gum, marshmallows, and dissolvable medicine capsules. Some inedible products are manufactured from gelatin as well–photographic film, printer rollers, window shades, sheet rock, matches, wallpaper, sandpaper, and glues and adhesives.

A relatively new and sophisticated byproduct market is the manufacture of pharmaceuticals. But because the total weight is less than a pound per animal and processing them is so expensive, these byproducts don't bring in a huge amount of money to the packer.

Perhaps variety meats are unfamiliar to most American dinner tables, but salads and desserts made from gelatin — another beef byproduct — are just about a national institution.

Currently, about 140 medications are derived from cattle glands. One of the most important and best known pharmaceuticals is insulin, a drug used to treat diabetes. There are 5 million diabetics in the U.S. alone, and at least one-fourth of them require insulin daily to regulate their blood sugar levels.

In humans and in cattle, the pancreas gland naturally manufactures insulin, but it takes the glands from 1,500 slaughtered animals to produce only 1 ounce of insulin refined for human use.

Another drug, clinically called corticotropin and more commonly known as ACTH, is available synthetically, but generally manufacturers derive ACTH from the pituitary gland of livestock. Used primarily in treating human adrenal gland problems, ACTH is a very valuable pharmaceutical but not so easily obtainable.

The pituitary gland of an average steer is tiny, weighing less than a tenth of a pound, and 10,000 glands are required to refine just one pound of ACTH for human use.

In 1976, the wholesale price for a single cattle pituitary gland was only 11 cents. But researchers are quick to point out that some important byproduct benefits simply cannot be measured in dollars.

Chester Co. farmers solve animal waste problems

WEST CHESTER — Management of animal waste or manure in Chester County is becoming important, reports Harry Barnett, conservation technician with the Soil Conservation Service in West Chester.

What to do with the manure in the winter months has been the biggest question. Store it is the answer. By storing it over the winter months, you can apply it in the spring just before planting, Barnett says.

"Consider what happens when you spread manure in the winter on frozen or snow-covered ground and get a heavy rain. Most of the manure is carried off into the streams resulting in stream pollution, and the loss of organic fertilizer. This problem can be solved by proper manure storage," he explains.

"Not only are the winter months critical, but there are critical months in the summer, too. What do you do with the manure when most fields are in crops?" the SCS technician asks.

"All over Chester County, you can see farmers solving their manure problems. In the Elverson area alone during the past year, five of these storage systems were installed."

The U.S. Soil Conservation Service can provide technicial assistance in the development of a waste management system. For further information, contact the local Soil Conservation Service office.

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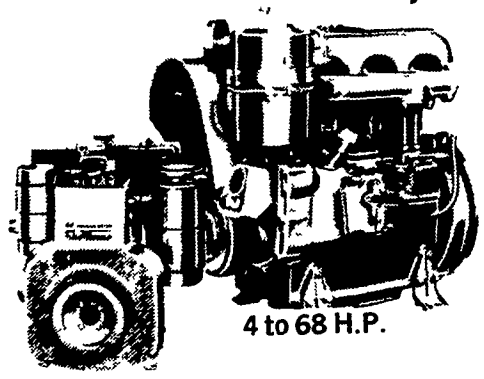

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Farm Talk

Jerry Webb

Putting throw-away food in bank

When I first learned about a food bank feasibility study for Delaware, I must admit I wasn't all that excited.

First off, I didn't know much about it. And what I did know left me wondering about the need and how it might be met.

But someone was nice enough to invite me to the first meeting of an advisory council for the study, so I went. And as they say in the song, I came away with a differnet point of view.

The whole concept has to do with making food, that might otherwise be wasted, available to people who need it. It's a self-help effort, operated without a dime of government money. And, in those communities where it's already in place, it appears to be doing a whale of a job.

For instance, a food bank located in Baltimore distributes 150,000 pounds of food each month. Food that would otherwise be thrown away. And even though that food bank is in its infancy, it's already helping more than 6,000 people daily.

The food comes from manufactures, distributors, retailers, processors, even farmers who throw away thousands of pounds of food daily in the form of dented cans, broken cases, and otherwide damaged but useable food. Before the Maryland food bank came along, this kind of food was just thrown away. But now it's picked up, inspected, cleaned up, and made useable. Then it's distributed to charitable agencies throughout Maryland.

Ann Miller, who is director of the Maryland Food Bank, told the Delaware group how that effort got started a few years back when it became obvious that many people in low-income status just weren't getting enough to eat. Even with food stamps and welfare, some people weren't able to make ends meet, and that meant they were going hungry. At the same time, she was able to discover that as much as 20 percent of this nation's food supply is thrown out in useable condition.

And so, using the food bank idea already in place in some other areas, she helped establish a non-profit corporation for the purpose of finding useable food and seeing that it is distributed to charitable organizations who will use it in feeding programs. Last year the Maryland Food Bank distributed 3.7 million pounds of useable food this way.

The food bank idea was helped along by tax reform laws passed in 1976 that allow a manufacturer to deduct the cost of producing donated food, plus 50 percent of the mark-up value. That means the food company that gives damaged merchandise to the food bank receives considerable tax credit. That was the incentive needed to keep them from just loading it on a truck and hauling it to the dump.

It may sound like some food companies don't know what they're doing if they're throwing of useable food, but you must realize that in today's palatized, fork-lift society, a food wholesaler or processor can't deal very effectively with broken boxes, dented cans, peeling labels, and all of the other malformities that befall a percentage of the merchandise in this big-volume business.

It's a lot of tonnage and it helps feed a lot of people, but it's a small share of the business. With the tax law and the appeal of the food bank, those firms are now setting aside that damaged merchandise, and in some cases actually delivering it to the food bank warehouse.

One major retailing chain in the Baltimore area currently provides approximately 16,000 pounds of food each week to the bank. Others provide lesser supplies. And it's everything from Twinkies to watermelons, from spaghetti sauce to canned pears, from ice cream to rye bread. Good useable food that is inventoried and made available through reputable, charitable agencies that are working to feed hungry people.

As mentioned earlier, the food bank operated without government money. In fact, it's self-supporting, by charging a flat rate of nine cents a pound to the agencies who draw food from its shelves. Three hundred and fifteen of these agencies ranging from store-front churches to some of the more well-known charitable organizations, shop there.

It was a surprise to me that such a volume of food is available. In fact, Miller said warehouse space is always a problem. Sometimes they have to turn away large donations because they just don't have room.

So, is the same situation true in Delaware? Are there companies who would donate food and are there agencies who would use such a service.? Well that's what the food bank feasibility study was all about. Patricia Knodel, who is project manager for the study, assembled a group of citizens with varied interests in food production and food utilization. They've been asking a lot of questions, trying to find out if food might be made available to the many agencies in Delaware who are operating feeding programs. They've talked with food processors, distributors, retailers, farmers, governmental agency people, charitable organizations, and others to find out if Delaware could support such an effort and if it's truly needed. With that sort of background the advisory group has approved the project. Now a lot of ground work must be done to make the food bank work.

Who will benefit from this effort? Hungry people. Those who, because of circumstances, are unable to get adequate food at home. This would be through community centers, senior centers, day care centers, shelters,

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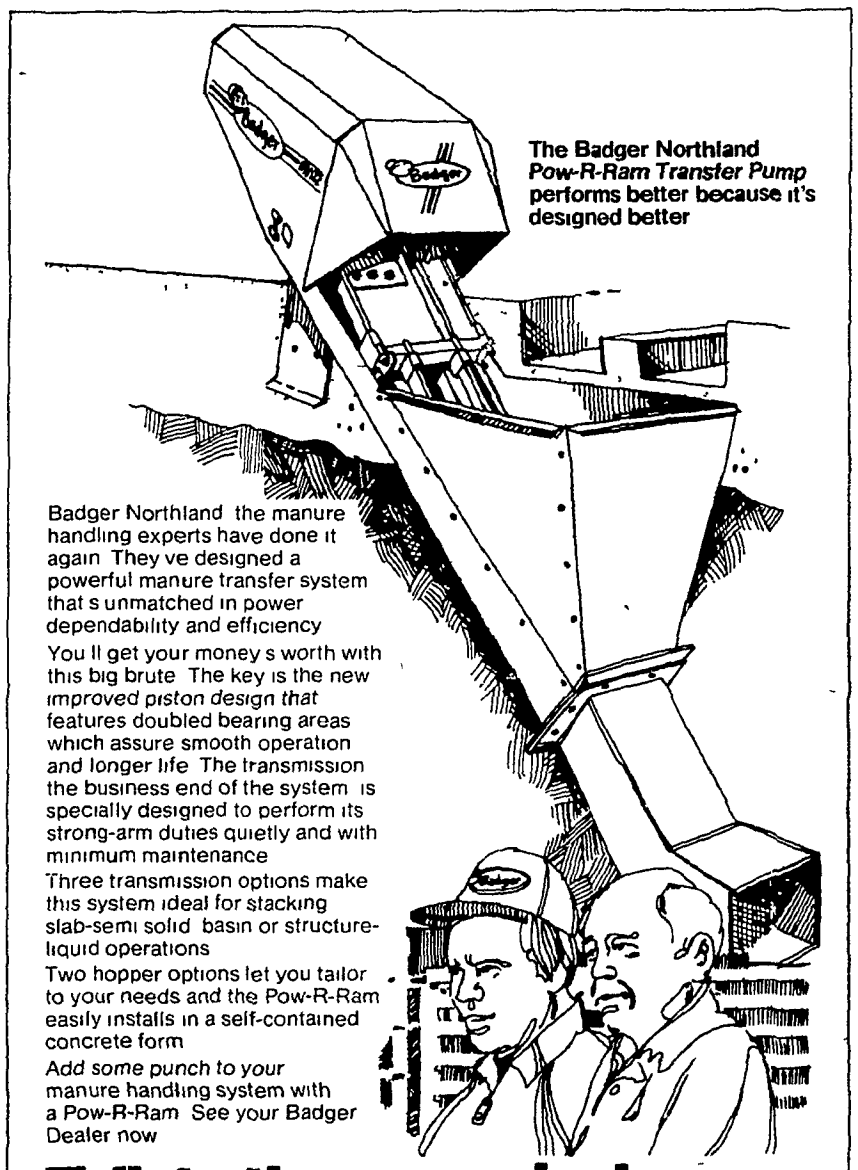

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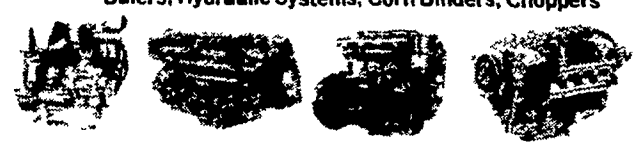

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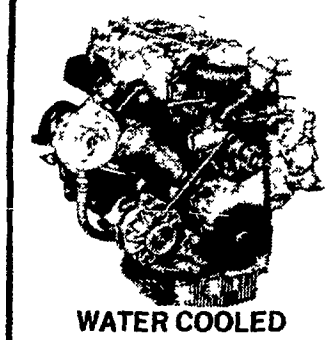

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Grangers warn Reagan of economic recovery failure

If farm programs are ignored

SPOKANE, Wash. — The National Grange, in session here last week, sent a telegram to President Reagan voicing concerns about the economic crisis of depression proportions in agriculture. They cited that estimates for net farm income in 1982 are the lowest for agriculture producers since the 1930's.

"We do not believe that any economic recovery program can be successful if it's being led by a depression in agriculture," said the farm leaders.

Grange officials said climbing production costs together with increased stocks of every major commodity make a recovery based solely on market forces a near impossibility. They warned the President that without improved government farm programs on basic commodities, highly competent farmers and ranchers will be unable to pay off current loans and obtain financing for the 1982 crop. The message strongly urged the President to deliberate "most carefully these crucial economic issues as they relate to the level of price supports for the next four years."

During the first days of deliberation at the 115th Annual Session of the National Grange, delegates called upon Congress to establish agricultural programs that would not put an undo share of economic adjustments on the agricultural economy. Representing farmers in 41 states, the delegates said farmers should not be asked to produce through government sponsored programs and then be subjected to trade disruptions such as embargoes. In the event of an embargo, the Grange leaders said it should apply to all trade and adjustments of prices to farmers should be made in order to be fair to agricultural producers.

The Grange also said it is imperative that agriculture be represented in deliberations and the implementation of trade agreements. The Grange supports the reduction of barriers to trade which were initialed in the recent multi-lateral trade negotiations. The farm leaders see the potential of trade expansion as a bright spot on the horizon in the 80's for agriculture.

The nation's farmers are major producers of export commodities. These commodities contribute to the overall reduction of the nation's trade deficits. A continuing policy to reduce these trade deficits to effectively decrease inflationary pressures is considered essential to the economic health of agriculture and the nation as a whole.

The Grange also sent a telegram to Rep. George Brown, Chairman, House Sub-Committee on Department Operation, Research and Foreign Affairs. The message expressed the Grange's opposition to changes in the Federal Insecticide, Fungicide, Rodenticide Act, Section 24 (a) which would reduce the ability of states to respond to pesticide regulatory needs. Section 24 (a) provides the states with authority to regulate the sale or use of any federally registered pesticide within the state.

This provision has been in effect since 1972 and has worked smoothly and without controversy. The Grange leaders said it gives states the flexibility they need and has posed no impediment to pesticide registrations in these states since its enactment.

"Burning Wood," a source for the consumer

LANCASTER — If you have a fireplace in your family room, living room, or vacation home, you probably already know that there's more to burning wood than cutting a few logs and tossing them into the fireplace. But you might benefit from information on cutting, seasoning, and storing wood, contained in "Burning Wood", a booklet available for $1 from The Penn State University Extension service, says James J. McKeehn, Delaware County Extension agricultural agent.

If the high cost of gas and oil has started you thinking about the purchase of a wood stove, you might save some trouble by reading what to consider before buying a wood stove and consulting the stove insulation checklist contained in the booklet. For anyone who has even been surprised by showers of sparks and billowing smoke from a harmless-looking log, there's a chart listing which woods produce heavy smoke or sparks, and which woods are easiest to cut or to ignite. And if you buy wood from a commercial dealer, it might be useful to know the difference between a long cord and a face cord.

The booklet discusses heat efficiency for different types of stoves and fireplaces, and the advantages and disadvantages of masonry fireplaces, metal fireplaces, and a ½ dozen types of stoves. A section about wood-burning furnaces is also included. Important factors, such as cost, must be considered before converting your entire home to wood heat. Timber harvesting can be dangerous, time consuming, and increasingly inconvenient. You may decide against making the long-term commitment required after reading the facts.

Perhaps you never realized it, but you can supplement your wood heating with the use of coal. This booklet explains how it's done. And even if you're only an occasional wood burner, you need to recognize the dangers of chimney fires and know how to keep your chimney clean. If you want additional information, the booklet includes a list of books, articles, and pamphlets on the subject of burning wood.

For a copy of this 30-page resource booklet, send $1 to: "Burning Wood," 204 Agricultural Engineering Building, The Pennsylvania State University, University Park, Pa. 16802. Make checks payable to Penn State.

Farm Talk

(Continued from Page D16)

nursing homes, soup kitchens, churches, and other organized, non-profit programs.

It's too early to tell if a Delaware food bank will work, but I know one is working in Baltimore, and in Philadelphia, and in many other locations throughout the country. These are self-supporting operations that take food that would otherwise be wasted and get it to people who truly need it. And the government isn't involved. I like that idea.

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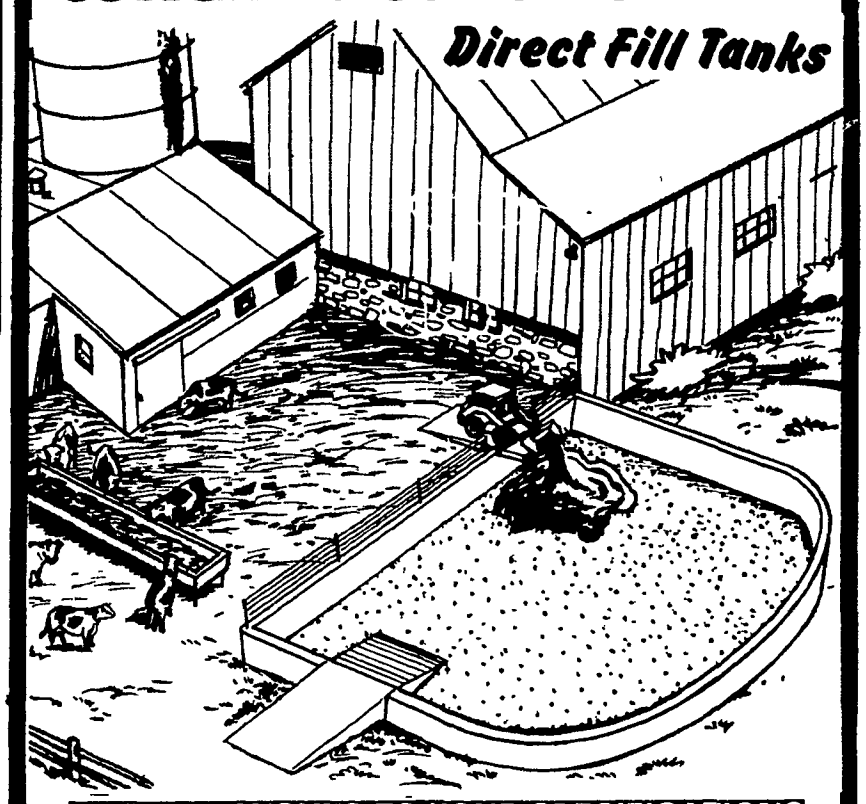

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Green Valley is pastoral scene for

BY JOYCE BUPP
Staff Correspondent

SEVEN VALLEYS — From all outward appearances, Green Valley is still a peaceful, pastoral farming area, a rustic haven in southwest York County's North Codorus Township.

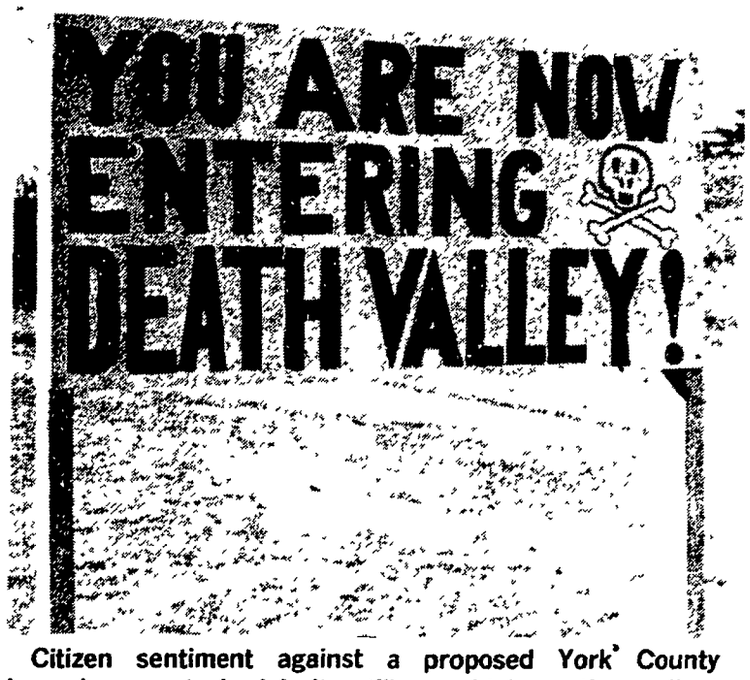
Rows of orchard trees and contours of grain and hay pattern the rolling hills, and cows graze the stream-sliced meadows.

But a bitter, a suspicious, a gnawing frustration hangs like a pall of smog over the residents of this farm valley.

After a long, uncertain year, the battle still rages between residents of Green Valley and the operators of a proposed hazardous chemical burial site.

After more than a year of public hearings, hours of research, endless meetings, expensive legal arrangements, the fate of the dump site remains in limbo in the courts of the land.

Residents of the area became outraged during the summer of 1980 when they learned that a permit to dump hazardous chemicals had been issued to Sunny Farms, Ltd., a York subsidiary of Stabatrol, Inc., based in Norristown. Another York firm, Liqwacon, was to lease a portion of the site for their own storage of hazardous materials.



Citizen sentiment against a proposed York County hazardous waste burial site still runs high, as these silent sentinels at the end of Green Valley offer their protest.

Sunny Farms had previously operated a solid waste landfill, which was shut down in 1976 by the state's Department of Environmental Resources, following numerous citizen complaints. Listed among the violations were illegal open fires and disposal of liquid hazardous wastes.

What especially angered the residents was the issuance of the chemical dumping permit to a known violator of dumping laws on land that they say is laced with old iron ore mines and on known earthquake-prone ridges high above the farmland valley.

The wastes were to be mostly in solid or sludge form, encapsulated in barrels, and stored between a "sandwich" of soil-cement lined with polyvinyls.

With a potential threat of chemical pollution to their water supplies and farmland, residents of Green Valley and the surrounding area banded into two citizens groups, OUCH, or Opposing Unnecessary Chemical Hazards, and an auxiliary, MAD, Mothers Against the Dump.

Headed by valley resident Steve Marsh, R1 Seven Valleys, and a steering committee core of other neighbors adjacent to the proposed hillside dumping site, OUCH began an intensive campaign of public awareness activities, fund raising for legal defense, and hydrological and geological studies.

In their research through bureaucratic and governmental channels, OUCH learned that Stabatrol was involved in several other dump-site squirmishes across Pennsylvania. They included Elwin Farms in Fayette County, which was in court over zoning, Grove Landfill in Cumberland County, where traces of arsenic and chromium were reported to be found in nearby streams, and Lyncott Corp. in Susquehanna Co., also under fire from the community.

On November 14, 1980, Waste Management, Inc., based in Chicago, and reportedly the largest hazardous waste disposal firm in the country, acquired Stabatrol and its various sites in Pennsylvania.

In March, 1981, OUCH petitioned DER to suspend the dumping permit earlier granted to Sunny Farms. Shortly thereafter, DER suspended all permits held by Stabatrol owned by Waste Mgmt. in Pennsylvania for "operational and design violations."

That suspension included the Lyncott site, with the city of Binghamton, N.Y., 31 miles away asking for shutdown after they documented pollution in the groundwater in the area of the city's water supplies.

As the battle continued between the citizens groups and the firms aiming at using their dumping sites, the controversy became an expensive, complicated jumble of lawsuits.

In April of 1981, the federal Environmental Protection Agency determined that Sunny Farms would be granted an "interim status," based on their claimed continuous operation at the North Codorus site.

OUCH in turn argued that the token construction done to acquire the interim status permit was neither continuous or legal, "moving ground from one side of the place to the other," claimed one spokesperson, and filed suit against the EPA decision.

In early summer, York county courts upheld a township ordinance requiring a 500-yard dumping site setback buffer zone from the nearest residence. That decision is being appealed to Commonwealth court by the site operators.

Then, just recently, OUCH petitioned for third party status on the lawsuit pending between North Codorus Township and the Liqwacon firm. Liqwacon had earlier filed suit against the township for rejecting its subdivision plans for their dumpsite.

A granting of third-party status would assure OUCH representatives of being notified of upcoming hearings, and would permit their testimony. Currently, members of the the citizens' group usually learn of a hearing just hours before it's opening.

OUCH also petitioned for the revokation of Sunny Farms permit from DER, which has lain dormant for a year. On the basis of their past operations, at the now closed Lyncott site in Susquehanna County, OUCH claims that Stabatrol, now Waste Management, should not be allowed to operate in the state of Pennsylvania at all.

Although the original Stabatrol firm was ordered to dig out and clean up the materials at Lyncott, the new owner, Waste Management, claims it should not

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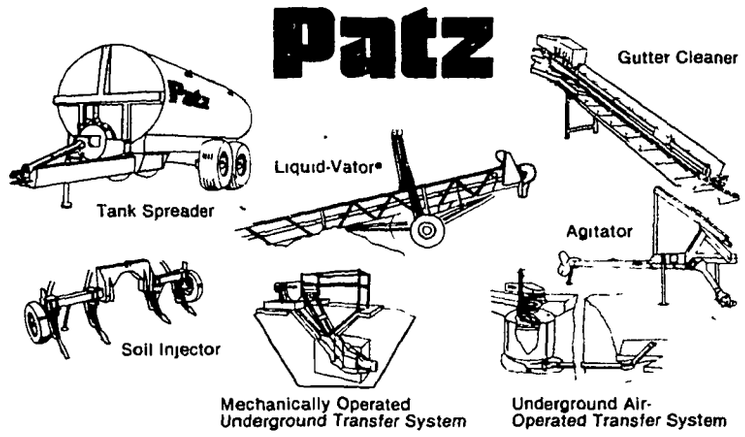

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100	539	720	900	1078
110	593	792	989	1187
120	648	864	1080	1296
130	688	936	1170	1376
140	755	1008	1260	1510
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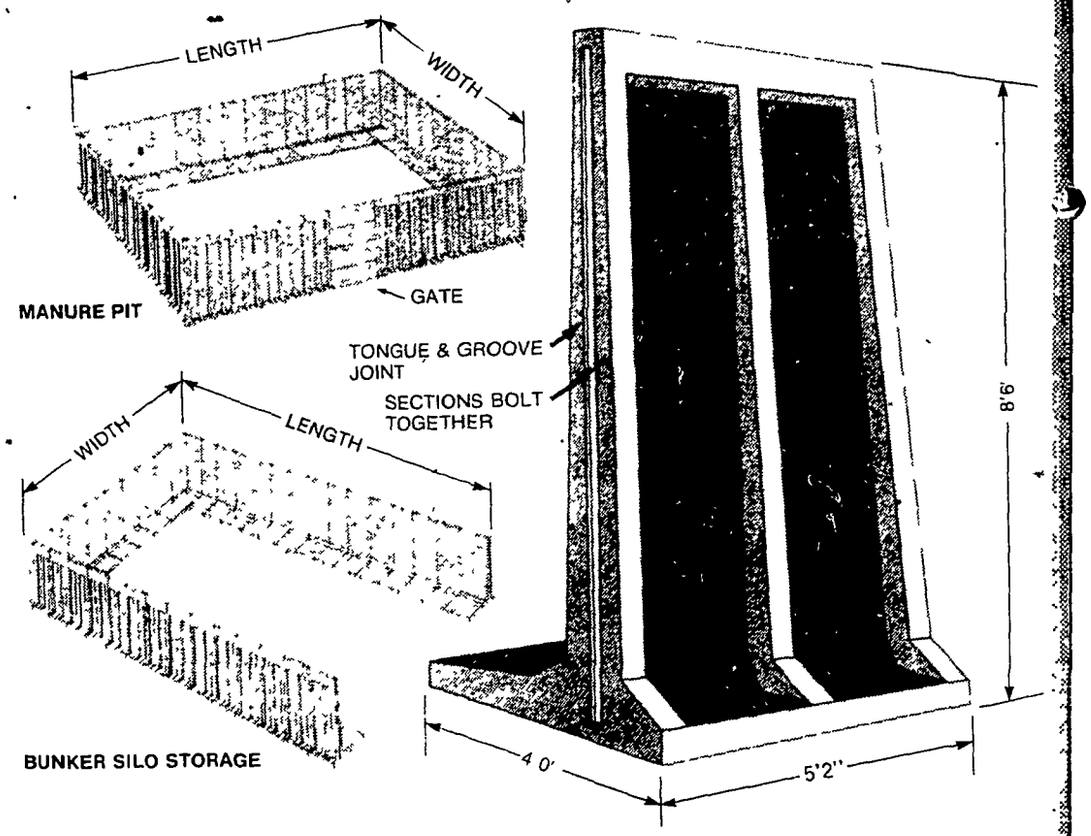

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OUCH has also filed for intervention status on the hearing between Sunny Farms and DER concerning the former's suspended state dumping permit.

In a letter recently received by OUCH, the group was notified that, while DER did not mind their seeking third-party intervention status, the bureaucracy feared that OUCH would, in reality, turn on them in testimony.

But OUCH holds hopes for their "secret weapon" in this heated, dragged out confrontation.

That weapon is having the Green Valley area designated an "aquifer recharge zone."

An aquifer is a large underground water supply, determined by in-depth geological and hydrological studies. To date, no official aquifer has ever been established in Pennsylvania, so the group hopes to set a precedent. No hazardous waste dumping is allowed above a designated aquifer zone, thus having the area set aside by EPA would effectively halt all dumping proposals.

EPA's Washington D.C. board has acknolwedged that the site is a likely one, even suggesting that the area originally applied for as an aquifer be more than tripled, to include some 50 square miles.

Such proposals must be printed in the Federal Register, then given a six-month waiting period for comments. If the proposal is contested, public hearings must be held.

OUCH pins their hopes for the aquifer status on a hydrogeological study on the Liqwacon and Sunny Farms site done by Professor Moid U. Ahmad, professor of hydrology at Ohio University, Athens, Ohio.

Conclusions of that study, published in January, 1981 are:

—The hazardous waste site is located in the aquifer which is the sole drinking water source for the residents of North Codorus Township and the Borough of Seven Valleys.

—The hazardous waste site is located in an area which is faulted and fractured and the earthquake activity has also occurred in the past and future earthquakes are also expected and the earthquakes could fracture the waste cells.

—The waste site is located in an area where quarries exist. The presence of these quarries and shafts could fracture the waste cells and produce extensive pollution.

—The soil is unsuitable to attenuate any contamined water.

—The proposed site has already been polluted due to the abandoned Sunny Farm landfill site and this situation has serious consequences for North Codorus Township.

—The proposed method of containment of hazardous waste is not a sound technique because in the final analysis all clays or artificial barriers eventually leak. Moreover, given the weight of overburden above the containment barrier and the resulting pressure head, leakage would accelerate.

Farmers on these family operations that populate Green Valley feel that they're fighting to stop the burial of hazardous wastes, not mainly for their own lifetimes, but to protect the legacy to their children and grandchildren. Geologists studies say that a large aquifer, or underground water recharge system, lies beneath picturesque farmland.

Berks ASC election to be held Nov. 23-Dec. 7

LEESPORT — A list of the names of all known eligible persons to receive ballots in the upcoming annual ASC committee election is available in the county ASCS office, reports Mark S. Balthaser, chairperson of the Agricultural Stabilization and Conservation committee.

ASCS, an agency of the U.S. Department of Agriculture, is responsible for farm program administration. On the local level, ASCS operates under a farmer-elected committee system. This year's elections will be by mail ballot between November 23 and December.

Anyone who meets the following requirements is eligible to vote in these farmer committee elections; any individual of legal voting age with an interest in a farm as owner, tenant, or sharecropper who is eligible to participate in any ASCS program.

Several general provisions relate to ASC voter eligibility. A wife who operates a farm with her husband can vote if her name is on the deed of conveyance. Any person under 18 years of age can vote if he or she runs a farm, and a legal guardian who runs a farm for a child can vote for the child. No person can be denied the right to vote because of race, sex, color, religion, or national origin.

A person may cast a ballot in any county in which he or she is an elibible ASC voter, but her or she cannot vote in more than one community in the county. If an eligible voter has separate farm interests in more than one community in the same county, special care will be taken to see that only one ballot is issued to that voter.

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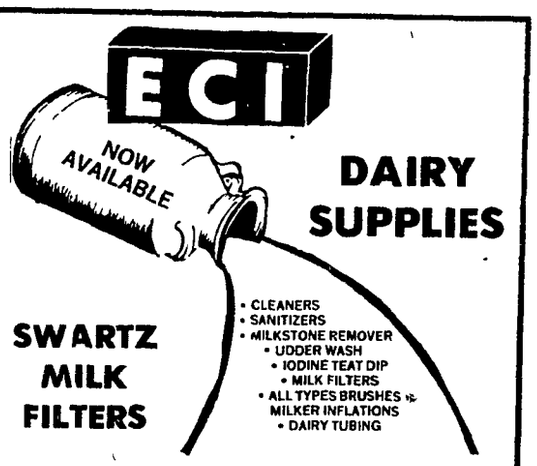

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Ag forum panel presents 'grassroots' challenges

COLLEGE PARK, Md. — Three prominent farmers and a University of Maryland research farm supervisor presented their own lists of "Challenges and Opportunities" during the statewide Agricultural Leaders Forum held recently on the College Park campus

The "grassroots" afternoon panel discussion followed a morning program of challenges and opportunities presented by six University of Maryland agricultural representatives and a food trade association official. Panel moderator was Larry E. Stewart, agricultural engineering department chairman in the College of Agriculture.

Farmer members on the panel were Donald E. Lippy of Hampstead, a Carroll County grain producer and former vice president of the Maryland Grain Producers Association; W. Simpson Dunahoo of Hebron, a Wicomico County broiler grower and former president of the Delmarva Poultry Industry, Inc.; Leon B. Enfield of Knoxville, a Frederick County dairy farmer and president of the Maryland Farm Bureau. Lippy and Enfield are also members of the Maryland Agricultural Commission.

The fourth panel member was Franklin D. Schales of Salisbury, coordinator-supervisor for the Maryland Agricultural Experiment Station's vegetable research farm on the lower Eastern Shore. An associate professor of horticulture, Schales is also executive vice president of the Mid-Atlantic Food Processors Association and executive secretary of the National Agricultural Plastics Association.

Field Crops

Lippy's list of problems facing farmers included triazine-resistant weeds, common cornstalk borer, European corn borer, pesticide container disposal, and constantly rising prices for land rent and farm chemicals.

He declared there is a need for granular herbicides which can become active without a post-application rainfall requirement. His "needs" list also included a method for planting row crops without disturbing the soil.

Agriculture should have been public relations, Lippy said, and a system of land-use planning that will maintain enough farmland to maintain a viable agricultural economy.

Regarding new opportunities available for farmers, Lippy cited recent research work by the University of Maryland which combined fungicide and nitrogen applications to produce wheat yields of more than 100 bushels per acre. This development might make wheat worth growing in Maryland, he commented.

Lippy also made reference to microcomputers and the management opportunities they present for U.S. farmers to help feed the world, rather than having food used as a weapon to control the world.

Poultry

Dunahoo noted that Maryland accounts for 59 percent of the broilers produced in the three-state Delmarva area. And he reported that 4,000 individuals and organizations are currently members of Delmarve Poultry Industry, Inc., a trade association based at Georgetown, Del.

The biggest challenge to the broiler industry recently has been just to stay in business, the former DPI president noted wryly. His list of challenges included better rail and truck transportation in the Delmarve area, lower interest rates, and unfair subsidies to farmers in most nations of the European Economic Community which make U.S. exports to that area of the world virtually impossible.

The animal rights movement now gaining momentum in the United States also deals with confinement production of poultry and eggs, Dunahoo declared, and farmers need to be concerned about misleading charges being leveled against them.

Dairy & Livestock

Enfield agreed with Lippy that land use and preservation is a major problem facing farmers. On the animal rights issue, he declared that modern confinement systems for livestock and poultry are generally much more sanitary than old-fashioned open systems.

He questioned whether better distribution might not solve some of the transportation problems of U.S. agriculture. He cited Midwest butter being shipped to Maryland when the same manufacturer already has a major plant in this state.

Without better marketing channels, farmers can easily overproduce themselves into low prices, Enfield declared. "You can't tell cows to produce less milk."

Loss of local slaughterhouses has hurt the Maryland livestock industry, the Farm Bureau leader commented. "We're losing consumption in the beef area. Livestock and other commodity groups need vigorous check-off programs like we already have in the dairy industry. Let's put more milk in vending machines and increase consumption."

Horticulture Crops

Complacency is a big danger for commercial producers of horticultural crops, warned Schales. It can allow energy costs to wipe out profits, effective chemicals to be lost due to registration cancellation, and labor regulations by government agencies to get out of hand.

Processors, growers and agricultural research workers need to work together for extended pack seasons, increased product recovery, better yields and improved varieties. Similar cooperation can help to fine-tune grower production techniques in such areas as mineral nutrition, seeding techniques, planting density, growth regulators and reduced or no-tillage.

These goals can best be achieved through continuation of strong programs in research, teaching and extension at land-grant institutions like the University of Maryland, Schales concluded.

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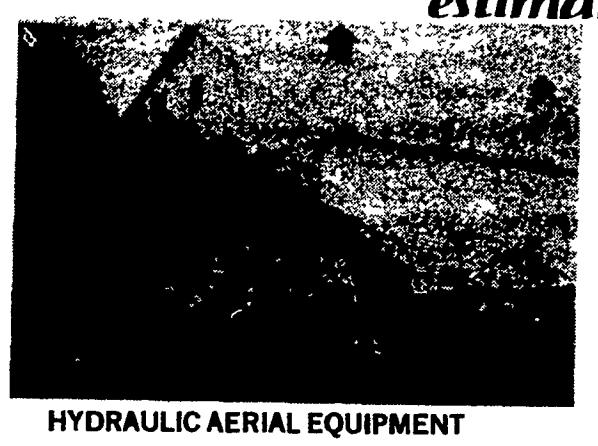

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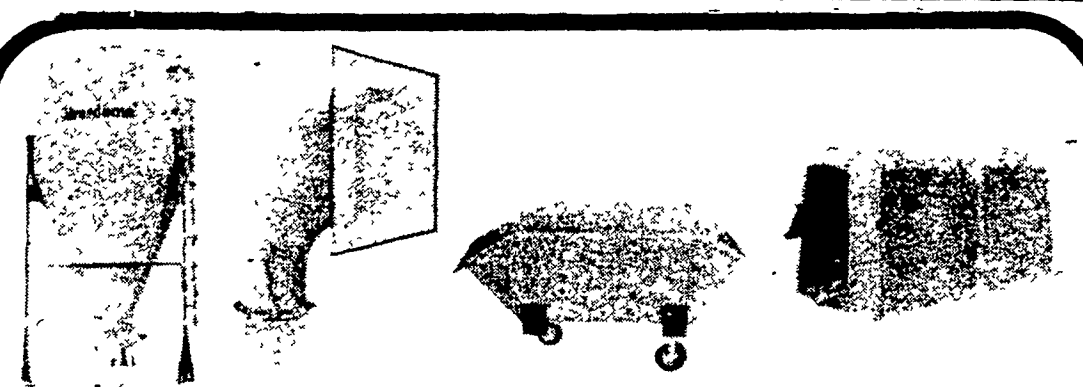

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Md. researcher to study dredged harbor spoils

COLLEGE PARK, Md. — A University of Maryland agricultural research scientist has been awarded a grant by the Maryland Port Administration to conduct one of the first studies of its kind here on the environmental impact of dredged materials from Baltimore Harbor.

Delvin S. Fanning, an agronomy professor and soil science researcher for the Maryland Agricultural Experiment Station, says his study will help Maryland Port Administration officials decide how and where to dispose of dredged materials from Baltimore Harbor and other shipping channels.

"The disposal of dredged materials poses a large problem for Baltimore and Maryland," said Fanning. "It has been estimated 155 million cubic yards of material must be dredged from Maryland harbors in the next 20 years to maintain viable shipping ports.

"There harbors, especially Baltimore's, are needed for a healthy commerce such as the export of coal and agricultural products," he said.

Dredged material disposal poses a problem, says Fanning, because some dredged spoils appear to contain large amounts of heavy metals such as cadmium, zinc and copper — all of which are potentially harmful in large quantities to plants, animals and humans.

In addition, he said, dredged materials contain high doses of sulfides which, under aerobic conditions at disposal sites, oxidize to become sulfuric acid.

This acid, he added, endangers marine life and encourages plant life to absorb more heavy metals.

Preliminary studies show, according to Fanning, that some types of marsh reeds are capable of surviving in such an environment. In some cases, he said, these plants actually have sought out the dredged material.

However, these same preliminary studies show that large amounts of lime — nearly 30 tons per acre — may be needed to coax other plant life to take root in the dredged material and retard plant uptake of heavy metals.

"Largely, this is a land reclamation program study in which we'll be asking ourselves several questions: "How hazardous are these materials; can we find other plants that will grow on these soils; and, will these plants be suitable for animal and human consumption?" says Fanning.

"This is information the port of Baltimore can use when it gets ready for largescale dredging operations," he said.

The $45,202 study is funded for one year, and Fanning expects to make a progress report by next fall.

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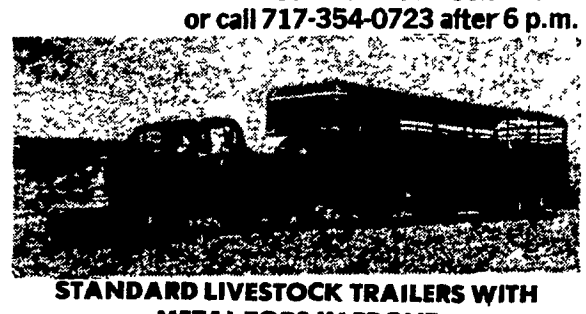

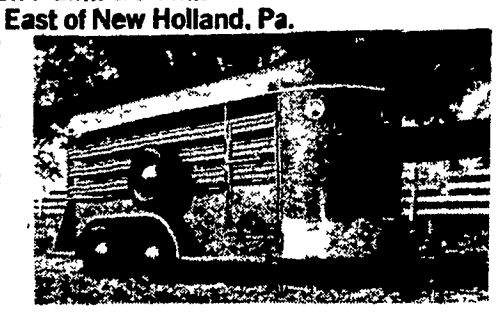

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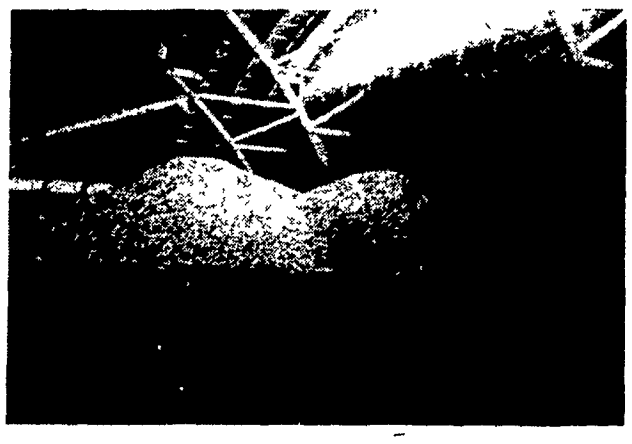

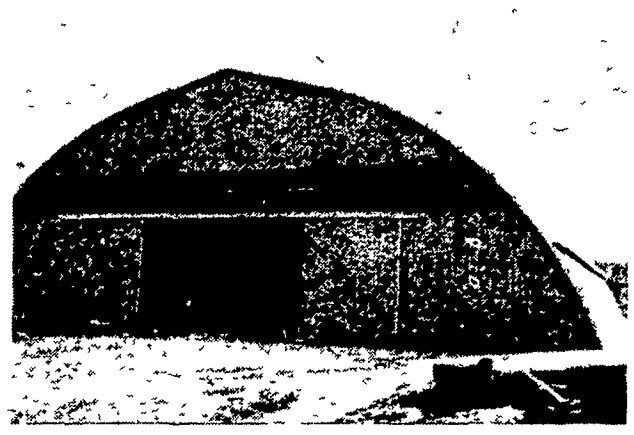

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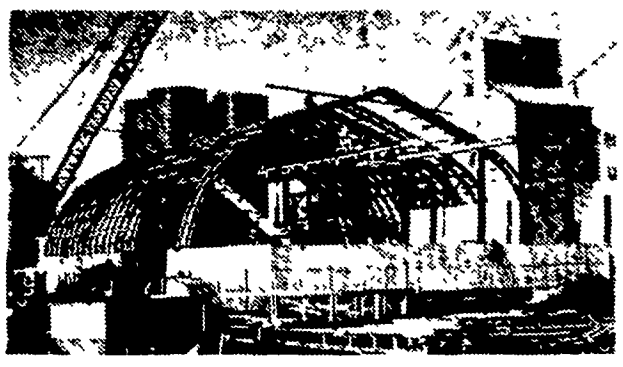

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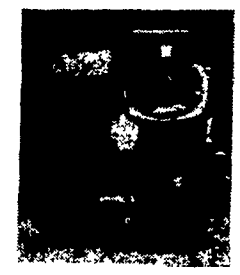

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Golden Guerneys move forward...in breed merger

BY DONNA TOMMELLEO

REFTON — They're almost 'kissing cousins." Both the Golden Guernsey and the spunky Jersey originated from neighboring islands in the English Channel.

And although the Guernsey preceeded the Jersey's 1840 arrival in the U.S. by only 9 years, it took almost 145 years for the two breeds to combine for a long-awaited family reunion.

American Guernsey Cattle Club state representative, Janet Harding, last Friday, announced the immenent merger of the AGCC and the American Jersey Cattle Club.

Speaking to Lancaster County Guernsey breeders during their Annual Dinner Meeting, Harding explained the merger will allow greater operating efficiency in both organizations while saving money

"We intend to maintain our individualities," she reported.

The merger, effective January 1983, has been researched by an AGCC director-appointed committee since April 1980. However, Harding noted that a similar move was introduced as early as 1957.

The two breed organizations will occupy the same building in Columbus, Ohio but the facility will not be the building that currently houses the Jersey headquarters. The AGCC has already sold its Peterborough, N.H. headquarters and now leases space.

The groundwork for the new headquarters, dubbed the Purebred Registry Center, will be handled by the Corporate Executive Committee. The CEC is comprised of representatives from both breed clubs. The number of representatives from both organizations will be based on the number of registrations in a three year period, said Harding.

Within the PRC, both breed clubs will merge several services. Typesetting and copy layout will be shared, although Harding pointed out the national breed publication and editing staff will remain the same. The merger will also combine the two clubs type traits appraisal programs, blood typing, data processing, accounting and purchasing and office maintenence.

Predicting a smooth transition, Harding said she expects to see a combining of field services in the future as well as the possible addition of other breed organizations.

"The door will always be open to all breeds," the Brookville woman reported.

Harding also noted the acceptance of a new Executive Secretary for the AGCC, Bernard Heisner. Heisner, who will take over in January 1982, is currently Director of Information at Select Sires.

State association representative Ruth Ann Benedict reported on several profit-making Guernsey sales sponsored by the Pennsylvania Guernsey Breeders Association.

Peter Witmer, 4-H leader, handed out votes of praise like after dinner mints, as he lauded his 4-H'ers for their accomplishments throughout the year. His accolades included a successful 4-H round-up, fitting and showing demonstrations and the Grand Champion record book honored during the recent Lancaster County 4-H dairy banquet

"The record shows that Guernseys are going forward," announced K.D. Linde, president of the county breed club. Later Linde was joined by several breeders honored for their Guernseys' progress.

Cedar Fringed Farm, Peach Bottom swept most of the production awards beginning with their top 3-year-old in milk, Cedar Fringed Honeyetta. Owned by Francis and Ethel Kirk, Honeyetta finished with 18,615 pounds of milk.

The Kirks also received recognition for another 3-year-old, Cedar Fringed Sissy. Sissy, top 3-year-old in fat production, finished with 914 pounds of fat, testing 4.9 percent.

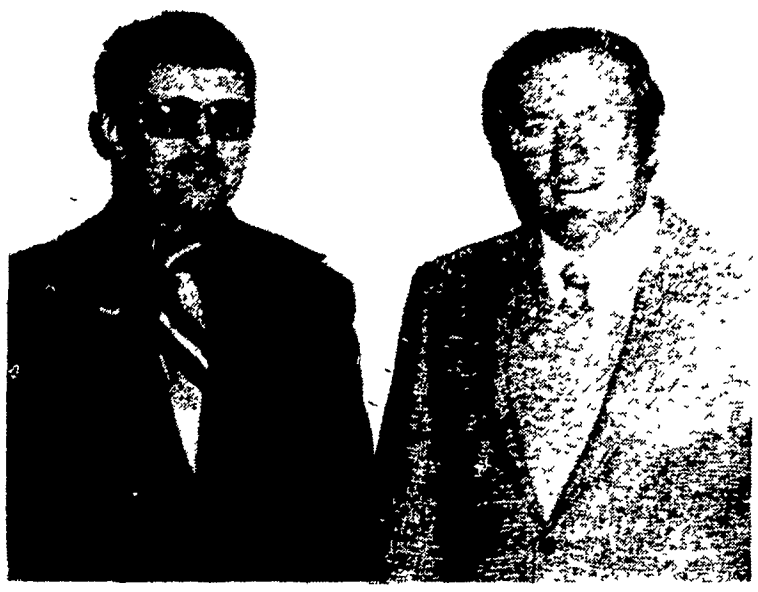
Robert Kirk's Cedar Fringed Ingrette claimed the first spot for high 4-year-old in milk, finishing with 20,282 pounds of milk.

Cedar Fringed Junella topped butterfat production in the 4-year-old category with 978 pounds of fat, testing a remarkable 5.7 percent.

Fred and Evelyn Crider, Nottingham walked off with two production certificates before the

(Turn to Page D23)

Pennsylvania Guernsey Breeders representative, Ruth Ann Benedict, right, does her homework before reporting on the Association's successful year, as former National Guernsey Queen, Millie Linde looks on.



Bob Wagner, left, of Quarryville and Fred Crider, Nottingham, were selected as new directors by the Lancaster County Guernsey breeders.

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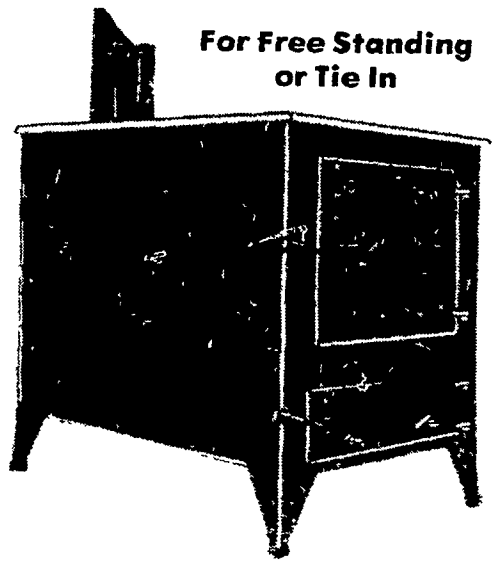

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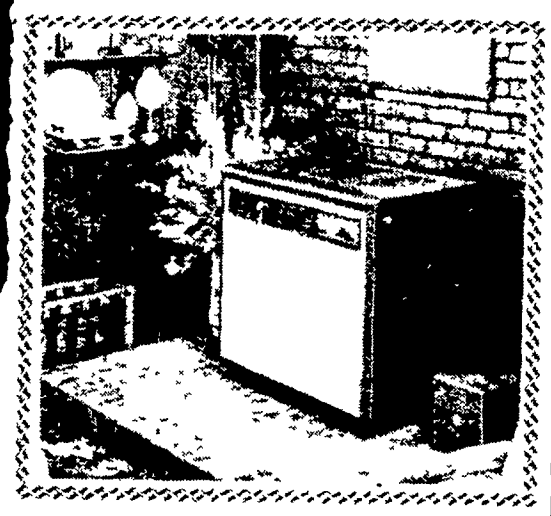

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Golden Guernsey

(Continued from Page D22)

night ended. Their 2-year-old, Fre-Lyn Dixie turned in a high milk record of 16,730.

The Criders' aged cow, Fre-Lyn Kellogs Prince Sue, finished first in fat and milk with 23,131 pounds of milk and 1,032 pounds of fat, testing 4.5 percent.

Lititz breeder Connie Balmer had the top 2-year-old in fat production. Gordlines Choice Elsie finished with 715 pounds of fat and a 4.4 percent test.

Naetlands Nibbs, a 17-year-old Guernsey owned by Raymond and Louise Witmer, Willow Street, was honored for high lifetime production. The aged cow, which passed away earlier in the year, was responsible for 195,216 pounds of milk and 8,768 pounds of fat in her lifetime.

The high average for the county was claimed by K.D. and Else Linde, Oxford. The Linde's herd average stood at 14,327 pounds of milk, 690 pounds of fat and a 4.8 percent butterfat test based on a 44.2 cow herd.

The county breeders selected Fred Crider, Bob Wagner, Quarryville and Scott Shoemaker, Kirkwood, as new directors.

Five Lancaster Guernsey breeders and their families were honored last Friday for their high producing cows. From left to right the group includes: Francis Kirk-high 3-year-old in milk and fat, high 4-year-old in milk and fat; Raymond Witmer, high lifetime production; Jesse Balmer, (accepting for daughter Connie)—high 2-year-old in fat; K.D. Linde-high county average; Fred Crider-high 2-year-old in milk, high aged cow in milk and fat.

Herman Purdy judges Grand Nat'l Livestock Expo Charolais Show

SAN FRANCISCO, Ca. — The quality of the 33 Charolais exhibited here at this year's Grand National Livestock Expo gave Penn State's Herman Purdy a number of options to consider as he selected grand champions.

Charolais were the first breed shown at the week-long Cow Palace event which began October 24.

MF Independence added another victory to his collection by being named grand champion bull. The summer senior yearling son of Expectation 269 is owned by Minute Man Farms, Yerington, Nev., and Lester Laue, Hanover, Kan.

The calf champion bull, GCR White Lightning A393, a big-framed February son of GCR Impressive G560, was reserve grand champion. He is owned by Guggenberger and Edwards, San Juan Bautista, Calif.

Purdy went with the junior champion. CF Miss Sandhiller 0234 is a daughter of Avignon's Sandhiller and is owned by Costerisan Farms, Bakersfield, Calif. WT Ms. Poker King 0114, a spring yearling daughter of Poker King Junior, was reserve champion female. This smooth heifer is owned by Thorpe's Whiskey Trail Ranch, Palo Cedro, Calif.

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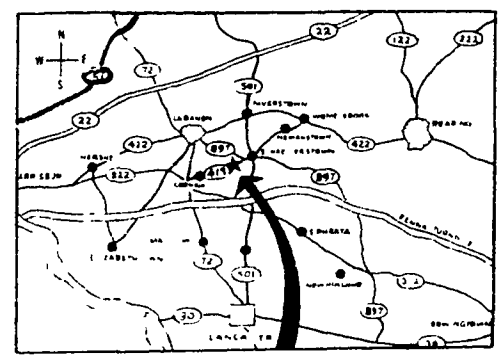

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The sun effects broiler house comfort

NEWARK, Dela. — The sun can provide up to 428 BTU's of energy per hour per square foot. That's equal to the heat generated by 10 four-pound broiler chickens

During the hottest part of a sunny summer day, the solar energy striking a poultry house is potentially greater than what's produced by the birds inside. This solar energy adds to the interior temperature and greatly increases the chance for mortality.

The chicken's respiratory system doesn't allow it to evaporate enough moisture to stay cool in extreme heat With increased air temperatures, body heat loss through its feathers decreases. The body temperature of a four to eight week old broiler chick is about 117 degrees. If the air temperature inside the house goes from 70 to 95 degrees, his potential to dissipate this heat is cut in half

The air outside may be 90 degrees. Inside, the heat given off by a flock plus the heat flow from solar energy hitting the building may boost the temperature to 95 degrees — especially if there isn't enough ventilation If this happens, you've got problems.

How you orient a poultry house in relation to the sun can minimize the amount of sunlight striking the structure and help prevent such dangerous summer heat levels, says University of Delaware agricultural engineer Norman E Collins.

If a house is oriented with its long axis east-west, most of the sun's rays will hit the south-facing section of the roof. If it's oriented north-south, as the sun rises and sets its rays will hit much more of the structure and the building materials will absorb much more energy.

With an east-west orientation, the sun's impact in the summer on the side walls of the house can be minimized by building a roof with an overhang. The overhang shades the wall, allowing its temperature to remain relatively low or close to air temperature.

During the winter, the same orientation permits a fair amount of desirable solar energy to strike the building's long south wall. This is because the sun's angle above the horizon is much smaller than in the summertime As a result, the overhang provides less shade and thus permits warming of the wall.

The actual amount of energy absorbed by a broiler house wall depends on the reflectivity of the materials used, says Collins A highly reflective surface absorbs much less than a dull one. But no matter how reflective they are, all materials absorb a certain amount of heat as their surface warms up.

As surface temperatures continue to rise, some of this absorbed energy returns to the atmosphere Some goes inside the building For this reason, insulation used to save fuel in the winter also helps reduce the heat gain inside a poultry house in the summer. "This is especially true of the peak gain experienced in mid-afternoon on a bright, hot day," says the engineer. "The more insulation you have, the later that peak will occur and the lower it will be." This reduces the danger of heat stress on the flock inside

From the standpoint of solar energy, there's another argument in favor of placing a broiler house along an east-west axis. With the rapid rise in fuel costs, there's growing interest in using solar energy as a heat source for winter brooding systems.

Though the idea is still in the developmental stages, Collins says it does have future potential. He's presently working on a federally funded project at the Delaware Agricultural Experiment Station aimed at developing a low-cost solar collector which can be used to provide heat in the winter during the early stages of broiler growout.

Once the concept becomes economically feasible, a poultry house positioned along an east-west axis will be ideally located for conversion to a solar energy brooding system.

1982 Simmental Sire Summary

BOZEMAN, Mt — The American Simmental Association announces the publication and release of its 1982 National Simmental Sire Summary. ASA Executive Vice President, Earl B. Peterson commented, "the new edition contains a wealth of information for the performance-minded cattleman...whether he be a commercial or registered breeder."

"The format for the 1982 Sire Summary is consistent with the changes initiated a year ago", Peterson explained. "A few refinements have been made, but member response indicated that the current format is popular and functional."

A key factor of the ASA performance program is free calculations of records to members or non-members alike when either the sire or dam is a registered Simmental.

"One of the easiest ways for a commercial producer to get these free performance calculations is to use a registered Simmental bull and submit the records to ASA. This is a service available whether the bull is a half blood or purebred," Peterson continued.

In 1971, the American Simmental Association published the first breed-wide Sire Summary in the beef industry. By way of comparison, the initial Summary listed 13 purebred sires and 6,778 animals from 301 management units. The 1982 issue evaluates 3,458 purebred sires and 458,684 animals from 44,003 management groups

Progeny records are gathered through the comprehensive performance record-keeping system available to all ASA members Breed wide comparisons of sires are tabulated on 14 traits. Breeders can thus evaluate the potential usefulness of a great number of purebred bulls in their own herds.

Dick Tetherow, trustee from Valentine, Nebraska, who is chairman of the Performance Committee, offered these comments "I am thankful for the foresight of previous Performance Committees. They established the mechanics for recording performance data on any registered herd...and thus, we have a solid base from which to move ahead.

"We can make accurate predictions about the potential performance of progency, using the estimated breeding value concept as illustrated in the 1982 Sire Summary", Tetherow added.

The Sire Summary includes a listing of 75 Genetic Trait Leaders; identifies 188 reference sires; and carries a trait correlation table as well as other material.

The Sire Summary is mailed free of charge to all active ASA members. Non-members may obtain copies by mailing a $5 check for each copy requested to the American Simmental Association, One Simmental Way, Bozeman, MT 59715.

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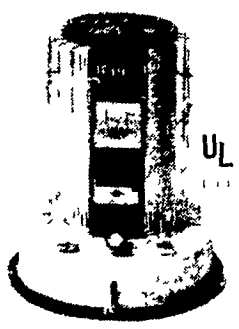

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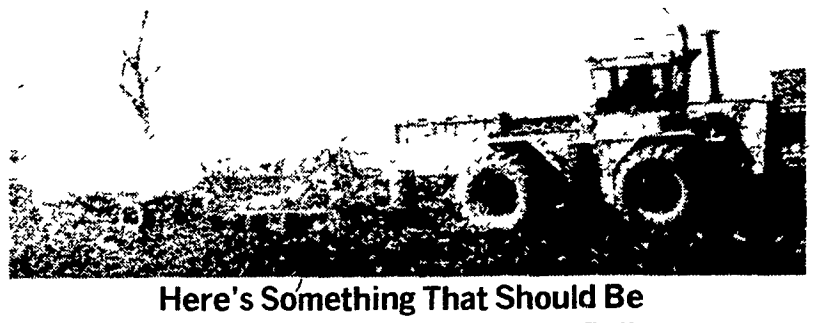

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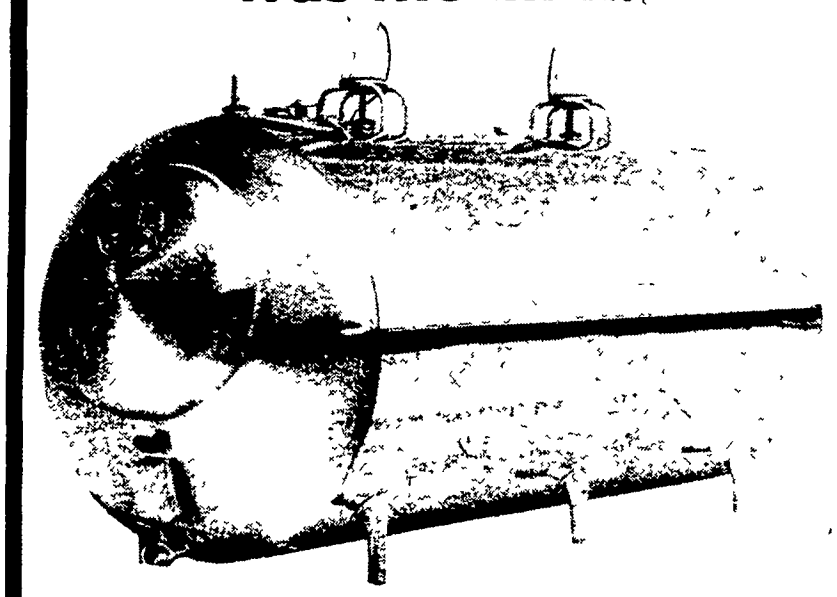

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Foot-and-mouth vaccine offers benefits

WASHINGTON, D.C. — The development of the new vaccine for foot-and-mouth disease, announced recently by the U.S. Department of Agriculture, doesn't mean much to livestock producers in this country in the short-run.

"But, it offers tremendous benefits over the long-range, if it lives up to its potential," said John K. Atwell, deputy administrator of USDA's Animal and Plant Health Inspection Service.

The new vaccine, created by genetic engineering from one of the major proteins in the coat of the foot-and-mouth virus, was developed under a cooperative agreement between USDA's Agricultural Research Service and Genetech, Inc., a San Fransisco-based research firm. Because the new, experimental vaccine is not made from the whole virus, it may offer safe, effective and inexpensive protection from one of the most serious animal diseases.

"Foot-and-mouth disease exists throughout most of the rest of the world," Atwell said. "Fortunately, the United States is free of this debilitating disease — has been since 1929."

Where it is endemic — occurs frequently — foot-and-mouth disease causes heavy losses in cattle, sheep, goat and swine production. Continuous vaccination is necessary to enable livestock producers in infected countries to cope with the disease.

The breakthrough in the new vaccine was in the application of "recombinant DNA technology," a form of genetic engineering whereby a single gene or small series of genes from one organism are inserted into the DNA of another organism. Because only a segment of the virus is used, the vaccine cannot produce the disease in a vaccinated animal.

Because of the DNA technology, greater quantities can be produced over a shorter period of time than was possible with previous methods of production, and the vaccine can be stored for long periods of time without refrigeration. The new vaccine, which is expected to be more economical to produce, is effective against only one of the seven major types — and over 60 sub-types — of virus. When similar vaccines are developed to cover these other types, there could be a combination into one application.

"USDA is committed to eradicating foot-and-mouth if the disease should enter this country," Atwell said. "We'd use the standard techniques of quarantine along with slaughter of infected and exposed animals.

"We recognize, however, that agriculture and society have changed drastically since 1929 when we last wiped out an outbreak of this disease. Today, economic, environmental and political factors dictate a more flexible approach to eradication.

"For example, we now have many large feedlots and dairy operations—each containing thousands of animals—that might make a slaughter-only policy difficult and extremely expensive.

"Thus, in the face of a rapidly spreading outbreak, we would consider using vaccine to help slow the disease until more conventional eradication tools could be applied. To that end, for the past two years, USDA has been establishing a foot-and-mouth disease vaccine bank' by buying antigen from Bayer Laboratories in West Germany. Antigen for this 'bank' is also being produced at USDA's high security facility at the Plum Island Animal Disease Center off the cost of Long Island, N.Y.

The antigen the basic element in the production of vaccine, which can be stored much longer than the vaccine itself—is being stored in West Germany and at Plum Island.

If the new vaccine proves to be as good as it looks, this might cut our costs of an FMD 'vaccine bank' considerably," Atwell said.

But Atwell, says he believes the new vaccine's greatest potential lies in its long-range benefits.

Again, if it proves as good as it looks, this would be a tremendous help to other nations throughout the world to reduce—and possibly even eliminate—this costly disease," he said. "And, of course, the less disease that exists throughout the world, the less chance for it to invade this country."

Currently, food-and-mouth disease is considered to exist in all countries of the world except for North and Central America and Panama, Australia and New Zealand, Japan, the Scandinavian countries, Ireland and Northern Ireland in Europe.

Foot-and-mouth is a virus disease that affects all cloven-hooted animals, including cattle, swine, sheep, goats and deer. It produces blisters on the feet, mouth and teats of affected animals. While rarely fatal, the disease drastically reduces meat and milk production.

"If there were a disease outbreak of foot-and-mouth in the United States, it could cost as much as $10 billion in direct and indirect costs the first year alone," Atwell said. "Meat and milk production could be reduced by as much as 25 percent.

"We take great pains to keep the disease out by restricting the import of livestock, meat and meat products from infected countries," Atwell said. "Similarly, USDA would not license production of conventional whole virus vaccine [illegible] foot-and-mouth disease in the United States—for fear the virus might escape from the production facility. For that reason, all of the work with the foot-and-mouth disease virus is confined to biocontainment facilities at the Plum Island Animal Disease Center.

"We would help infected countries produce and test the vaccine to help reduce the possibility of foot-and-mouth disease invading our livestock and wildlife populations," Atwell said.

With firewood come pests

LANCASTER — As the cool temperatures of winter approach, many homeowners will be firing up their fireplaces and wood burning stoves. However, along with the comfort and warmth the fire brings to the home on a cold night, certain uninvited insect guests may intrude.

Firewood stacked in the home ready for use harbors many species of insects. Several different types of beetles, carpenter ants, wasp parasites of insects, horntails, earwigs, and spiders will often overwinter in logs. Firewood brought indoors and stored for several weeks becomes warm. Insect life within is awakened from its winter hibernation by the warm temperatures and, thinking it's spring, leave the logs and wander aimlessly about the house. They're often found migrating to sunlit windows.

To keep this pest problem to a minimum, stack firewood out-of-doors until just before using. The cold temperatures will keep the insect life dormant. Always stack wood at least 2' away from a building (15-20' is recommended) and at least 9" above ground. This allows for aeration of the wood and visual inspection and maintenance of the building behind the pile.

According to James J. McKeehen, Delaware County Extension agricultural agent, never use chemical pesticides on firewood. The insects in the wood can be kept in check by proper storage out-of-doors, therefore making the use of chemicals unnecessary. Once in the home, these "guests" are considered nuisance pests.

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PREVENT FIRES

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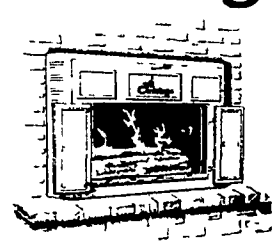

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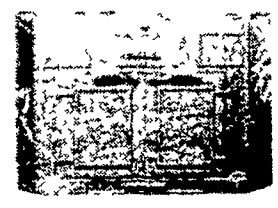

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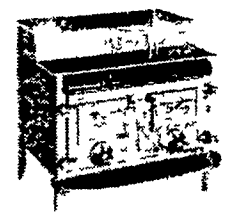

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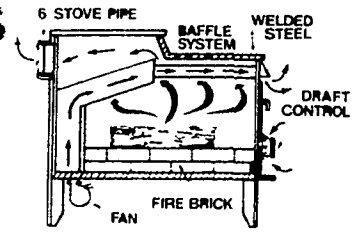

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Along Rt. 772 - ½ Mile East of Intercourse 717-768-8913

Low sulfur dioxide levels injure trees

UNIVERSITY PARK — Increased use of coal to generate electricity, expected in the future, could injure trees and other plants with sulfur dioxide pollution, according to experiments at The Pennsylvania State University.

Using hybrid poplar trees, the Penn Staters found that low levels of sulfur dioxide – often common near power plants – can cause permature loss of leaves and decrease normal growth by 3 to 4 percent.

Alan R. Biggs of Lewisburg, graduate assistant in plant pathology, believes that defoliation and leaf injury interfere with photosynthesis, the process whereby plants use carbon dioxide and solar energy to produce sugars for growth.

Biggs indicated earlier studies by Donald D Davis and associates suggested that future vegetable varieties and other plants may need to be bred or selected for resistance to air pollutants. Increased air pollution seems inevitable, it was pointed out, in long-range plans to rely on coal for producing electricity.

Studies involving air pollution of plants are carried out within the Agricultural Experiment Station of the College of Agriculture.

Hybrid poplars were chosen as test plants for their importance in shelter belts, for use in fuel alcohol and firewood, and in home plantings. The experiments examined the effects of low levels of sulfur dioxide on plants over one growing season or less

Biggs found that fallen leaves from poplars exposed to sulfur dioxide had 300 to 740 percent more sulfur content than leaves not exposed to the pollutent. He indicated the high sulfur content places undue stress on plants and accounts for leaves falling earlier than normal.

Height growth of poplars was reduced where the trees were exposed to sulfur dioxide levels of 6 to 12 times the normal content in the atmosphere. The trees were exposed for 72 hours per week for 6 to 14 weeks, from one-half to a full summer season

Leaves exposed to sulfur dioxide gradually turned yellow, beginning with the oldest leaves. The injury progressed upward as exposure to the pollutant continued.

Small brown patches of dead tissue, usually between the veins of leaves, were observed frequently. Such dead patches were found only on trees exposed to the highest level of two sulfur dioxide dosages. When viewed from a distance, exposed trees generally appeared lighter green than unexposed trees.

The hybrid poplars were kept outdoors for six weeks prior to exposure to sulfur dioxide in a laboratory. Known for their fast growth, the poplars were at least 12 inches tall before they were exposed to the pollutant.

Sulfur dioxide concentration, temperature, and relative humidity were carefully controlled in the experiments The plants were examined throughout each 72 hour exposure. They were placed outdoors between exposures Height and defoliation measurements were taken three days after each exposure

In past years, high levels of sulfur dioxide were more common than today, Biggs pointed out. A current trend is to build extremely tall smoke stacks on power plants, which help to disperse and dilute air pollutants However, some scientists believe that regional dispersion of sulfur dioxide contributes significantly to acidic rain – "another ball game"

Davis heads up a series of long-range experiments analyzing the effects of air pollution on urban and rural vegetation. He said additional studies will deal with the importance of vegetation in removing atmospheric contaminants

Sale Reports

The Sansky Farms held a public sale of 48 registered and grade Holsteins on Nov. 14. The owners were Thomas and Lois Salansky, R1, Uniondale

The top cow sold for $4,600, the second high was $2,800 and the third high sold for $2,600.

M.L. Bunnell & Wayne Weaver were the auctioneers.

xxx

A public auction of miscellaneous items was held Nov. 11 at the Southern Manheim Twp. Fire Hall, Fruitville Pike & Orchard Sts, Lancaster.

Some prices received were old baseball cards $2.50 each, old jewelry $10 to $35, sterling thimble $11, R.S. Prussia tea set $90, old petticoats $22.50, old miscl. toys $5 to $75 and a set of hall china $90.

Auctioneer was John H. Cooper.

xxx

A public estate sale was held Nov. 11 for the estate of Emma S. Barner, 10 miles south of Selinsgrove. There were 335 registered buyers present and the sale was finished on Saturday, November 14.

The 53-acre farm was sold for $40,000 and included a frame, 6-room dwelling and a pole shed.

Other items sold were. Super C Farmall tractor $1,250, 1976 2-door Ford Grenada $1,300, organ w/top $175, oak bedroom suite $300, pressure cooker $35 and 6 sailboat tumblers $50.

Earl Eash was the auctioneer, with Donald C Fogle.

xxx

The Cranberry Meadows Farm Holstein Sale was held Nov. 13 on Sullivan Rd., Westminster, Md

The average of the 82 head sold, which were mostly grades, was $1,046. The top priced animal was a bred heifer for $1,925. There were three animals sold for $1,700.

Sale Manager was Remsburg Sale Service.

JUNIATA CO.
WOODLAND AT
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SATURDAY, DECEMBER 5

2 Tracts woodland 27 and 29 ac. twp. road frontage, southern exposure, borders State Land.

For info, contact Auctioneers.

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BANKRUPTCY SALE
U S BANKRUPTCY COURT
FOR THE DISTRICT OF DELAWARE
RE. NEW CASTLE CONSTRUCTION COMPANY, INC
THURSDAY, DEC. 3, 1981
@ 11 A.M.
CONSTRUCTION & EARTH MOVING EQUIPMENT

THIS IS A PARTIAL LIST
(2) Michigan Earth Movers Allis Chalmers Bull Dozer w/Blade Allis Chalmer Front End Loader Dozer Additional Dozers plus M 100 Series B/Grader w/Ripper (2) Caterpillars #12 Motor Graders (3) Ford Front Loader Backhoes Asphalt Paver Ray Go Roller Model 600 Gallon Roll O Matic Roller Static Stone Paving Roller Front End Loader w/Track 1½ Yd Bucket 7G Series B Plus Trucks Low Boy Tandem Trailer Plus Tools AND Additional Heavy Equipment
LOCATION U S 13 to MIDDLETOWN DEL S Through Middletown On Rt 301 about 3 6 Miles to COUNTY RD 445 Just Before Md Line Left On 445 Look For Signs
INSPECTION WED DEC 2nd From 11 A M to 3 P M
TERMS GUARANTEED FUNDS To Include Irrevocable Bank Letter Of Credit Certified & Cashier s Check etc
REMARKS Call or Write for detailed brochure

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ABSOLUTE AUCTION
EQUIPMENT, AUTO PARTS, OFFICE EQUIPMENT, BUSINESS MACHINES, ETC:
AT "BOLAN MOTORS, INC" (A FORD AGENCY FRANCHISE), 1127 S Dupont Highway, Dover Delaware
SALE DATE: WED., NOV. 25
11 00 A M
Tool Room Service Dep't Complete With Equipment Parts Shelving Compressor Plus Office Furniture Office Machines Hundreds Of Important Items INSPECTION Tuesday, Nov 24, From 11 00 A M to 3 P M
Call or Write For A FREE DETAILED BROCHURE
RUDNICK & MATAS AUCTIONEERS
P O BOX 1007, Wilmington, DE 19899
(302) 658-7264

PUBLIC SALE
OF FARM MACHINERY
THURSDAY, DEC. 10, 1981
12:00 P.M.
LOCATED: 1 mi. North of Manchester, Pa. turn in lane on right, (at white rock).
FARM MACHINERY

Farmall M tractor - Farmall H tractor, Farmall 200 tractor w/fast hitch, Farmall C tractor, 1972 Int. 1800 truck w/(Van body G.V W. 33,000 lbs., 2 speed rear & air brakes), J.D. 45 Combine w/Grain Head, New Holland 69 Hay Baler, New Idea #7 Corn Picker, Little Giant elevator drag, 24 ft. elevator, New Idea Hay Conditioner w/large wheels, J.D. Killifer disc on wheels, J.D. K.B.A. Disc, Int. 3 bottom Plow, (2) New Idea Hay Rakes on Steel, Stalk Chopper with hood attachment, 3 Flat Bed wagons, 100 gal Sprayer Tank, Int. C mower, Culti for M.H. & C, New Idea 12A Manure Spreader, Land Roller, 8 ft. Cultipacker, Oliver Superior Grain Drill, Int. Loader Model 31 for H or M, Int. 12 ft. Spring Harrow.
There are no small items on this sale "BE ON TIME"
TERMS: CASH OR GOOD CHECK
(Full settlement sale day)
FARM CREDIT ASSN. OF YORK, PA.
AUCTIONEER:
Blaine R. Rentzel
Emigsville, Pa.
764-6412

AMOS HAMMOND & SONS
HAMMOND FARMS MACHINERY DISPERSAL
SAT. NOV. 28
10:30 A.M.
PennYan, N.Y.
Sale to be held at the field on Rte. 54-A in Keuka Park, 3 miles from PennYan, app. 4 miles from Branchport, or ½ mile west of Keuka College.

Having sold their farm, all machinery sells including:
6 Tractors. J.D. 2630 diesel with 636 original hours; J D. 950 diesel with 449 hrs.; I.H. 454 diesel with 1638 hrs.; Oliver H.G. model narrow gauge crawler with belt pulley; J D. 440 backhoe with front loader, J.D. 440 crawler with blade; nice 1968 Chevy. 50 series truck with hoist and 14 ft. body; 1974 G.M.C 1500 series 4-wheel drive pick-up; 1972 Dodge 200 series 3/4 ton pickup; 1978 Ford LTD 2-door auto. with 33,000 miles, 1977 G.M.C. 35 series truck with 14 ft van body, 38,600 miles dual wheels, etc; Like brand new Berthoud air blast vineyard sprayer with 165 gal. fiberglass tank; B M.B. 5 ft. 3 pt. rotary mower; Howard 3 pt. 50 in. rotovator; Oliver 4-16 in. mounted plow; 1 row 3 pt cabbage setter; J.D. 24 in. vineyard disk; 2 J.D. 3 bottom 3 pt. vineyard plows, Shaver post driver; J.D 483 haybine, Smoker 24 ft. elevator, J.D #9 3 pt 7 ft. mower; J.D. 14-T baler; 1 row tree or grape planter; 64 in. vineyard disk, 60 in. vineyard tiller; J.D 4 row #42 front mount cultivator; J.D. side rake; 14 ft. farm trailer; I.H. 4-row corn planter, J D. ground driven manure spreader; Ontario 15-8 disk drill, 2 E-zee flow vineyard fert. spreaders, 2 Hardie 150 gal. steel tanks, 2 new 330 gal water tanks; 2 vineyard trailers; 68 in. corn stalk chopper; Hyd. grape take out; Vermont 3 x 12 ft. sap evaporator with 3 pans and hood; 22 in disk tool bar mount; 500 plastic grape trays; 12 apple pallet boxes; 10 grape tote boxes; quantity of bushel crates; 200 beer boxes; Franklin stove; Marquette refr.; and Scandia air tight wood stove and other items! A good sale here!
Lunch available.
Terms: Cash or good check day of sale. I.D. required!
For complete info. contact the owners:

HAMMOND FARMS
Amos Hammond and Sons
315-536-8353

Auction conducted by
PIRRUNG AUCTIONEERS, INC.
Wayland, N.Y.
716-728-2520

Let the Bank of Lancaster County make your dairy farm a land of milk and money.

You know all those great things you'd do with your dairy farm "if you only had the money?" Well, the time to do them is *now* — with help from the Agricultural Loan Division at Bank of Lancaster County

The Ag Loan Division is headed by Bob Badger, who really understands your unique and complex money problems He'll gladly sit down with you and work out a *special dairy loan package* that gives you exactly what you need Bob will use Bank of Lancaster County's *flexible payment schedules* to make sure you get a loan you can live with . . comfortably

So for the new cows you want to add to your herd, the up-to-date milking machinery, the bigger barn, the additional pasture acreage — any improvement or addition — contact Bank of Lancaster County's Ag Loan Division. You'll soon have your "land of milk and money" — and some new friends besides!

Bank of Lancaster County

The good old bank of good old Lancaster County

PUBLIC SALES

WEDNESDAY, NOVEMBER 25, 1981 at 1:00 P.M.
REAL ESTATE
8 Acre Chicken & Produce Farm.
Located in Leacock Township, Lancaster County, PA.

SATURDAY, NOVEMBER 28, 1981 at 1:00 P.M.
REAL ESTATE
2½ story 5 bedroom house, barn and shop. Located ½ mile east of Nickel Mines on White Oak Rd.
Terms by
BEN AND BARBARA ESH

WEDNESDAY, DECEMBER 9, 1981
HORSE DRAWN FARM MACHINERY - HOLSTEIN DAIRY HERD & HORSES
Located ½ mile south of Nickel Mines.
Terms by
EMANUEL & ANNIE PETERSHEIM

THURSDAY, JANUARY 7, 1982 at 9:30 A.M.
DISPERSAL OF HOLSTEIN HERD - HI GRADES & REG. - HORSE DRAWN FARM MACHINERY - WORK HORSES
Located 3 miles south of Strasburg.
Terms by
GIDEON B. & KATIE STOLTZFUS

FRIDAY, FEBRUARY 19 at 9:30 A.M.
COMPLETE DISPERSAL 52 HEAD GRADE HOLSTEIN
High Productive Herd with size, horse drawn farm machinery, 7 head mules. Located 4 mi. south of the Buck, PA in Chestnut Level.
Terms by
AARON AND EMMA STOLTZFUS

THURSDAY, FEBRUARY 18 at 9:30 A.M.
DISPERSAL OF HORSE DRAWN FARM MACHINERY
4 fair sorrel mules, Standard bred carriage horses, Household goods, Antiques. Located 9 mi. east of Lancaster City, PA, N. Harvest Rd.
Terms by
LEVI S. STOLTZFUS

Watch For Full Listings!
STEVE PETERSHEIM
Auctioneer
Call Collect
717-786-4624
215-593-2442

AUCTION

Estate of a well known western Pennsylvania horseman, Dick Fitzsimmons, Pine Run Rd., Apollo, Pa. At Apollo Equestrian Center, 1.8 miles north of Junction of Rte. 356 and Rte 66 near Northmoreland Park. Watch for auction arrows.

SATURDAY, NOVEMBER 28
10 00 a.m

Thoroughbred Bay Stallion (Kevin Gold), born 4-8-68 by Duplex 2nd, out of Julia's Star by Clifton's Flag
Thoroughbred Stallion born 6 4 79 by Kevin Gold, out of Aunt Bobbie by Bull Wagon (halter broke)
13 yr Gelding Jumper, ¾ Arabian
xxx
Spring Wagon w/parosal, Delivery Wagon, 1915 Baggage Freight Wagon, 6 Passenger Surrey w/fringe on top, rubber tire Rockaway Depot Wagon, Breaking Cart w/Studebaker, N Y plate, 4 passenger Bob Sleigh, Racing Sleigh, 3 other Sleighs, Road Wagon Running Gear Wagons & Sleighs have been restored and well kept
xxx
Steuben Krefeld English saddle, like new, Rossi Caruso English jumping saddle, perfect, new double set buggy harness w/chrome hames, complete set of double work harness, brass decorations, excellent condition w/hanging rack, silver saddle flask, lunch carrier, 3 sets single harness, beautiful condition, Western saddle, misc harness, lots of excellent bridles, halters, bits, etc , English hunting clothing size 42 w/boots, horse books, jumps, 2 seat sulky, double pole, rubber tire sulky, training skid, set of 4 wooden wagon wheels, grain windmill, antique hand corn chopper, shoeing outfit, single trees, double trees, shafts, poles, tongues, hay by bale, decorative long horns, gear trunk, wooden tool chest, steamer trunk, anvil, hay rack, 2 cement jockey figures, 6 trailer wheels, cupola, metal water trough, wheel barrow, log chain, hand tools, wooden hames, horse collars, misc tack, leather vise
Household items 5 pc bedroom suite, pictures, collar mirror, wall oil lamps, #2 Standard stomper churn, converted coach lights, mini steamer trunk, harvest table, end tables, apple butter stirrer
xxx
30 ca rifle w/scope xxx muzzle loader w/powder horn xxx
Preview 1 hr prior to auction
TERMS. CASH.

JAMES L. MACK
Administrator
L.H. KUINZK, Auctioneer
412-423-4631

Sale Reports

An estate auction of the Deep Creek Valley Farms was held Nov. 12 for the estate of Sarah E. Kahres in the village of Weishample, Schuylkill Co.

The No. 1 parcel was sold for $72,500 and included 68 acres with a 2½ story dwelling and a bank-type barn.

The No. 2 parcel was sold for $120,000 and included 121 acres with 2 frame dwellings and a barn.

The No. 3 parcel was sold for $32,500 and included 69 acres with about 12 acres tillable and a nice stand of young timber.

The land was purchased by three different local residents.

George and Mike Deibert were the auctioneers.

xxx

A dispersal auction of farm machinery was held Nov. 14 by Mrs. Pauline B. Trout, 2 miles north of Stewartstown, York Co.

Items sold were: Ford 5000 tractor $4,900, Ford 851 Tractor $3,000, N.I. #23 corn picker $3400, 1968 Chev. Pickup Truck $1650, cattle racks $130, Heston hayconditioner $1,750, Int. #45 pickup baler $650, new corn $88 per ton and old corn $85 per ton.

Robert L. Sechrist was the auctioneer.

xxx

The O-C-S Dairy Novemberfest Sale was held Nov. 11 by the O. Clayton Smith Family on the farm located on Fry Rd., 3½ miles south of Jefferson, Frederick Co., Md.

The top cow, a registered Holstein, was sold for $5,500 and the second high was sold for $5,000.

The average of the 97 head sold, which included calves and bulls, was $1,840.

Sale manager was Remsburg Sale Service.

xxx

A Public Sale of an 8-acre farmette was held November 14 by Amos H. and Annie S. Shirk, along Route 322, 2½ miles east of Blue Ball, Lanc. Co.

The real estate was sold to Jacob S. King of Gordonville, for $91,000. It included a 2½ story stone & frame dwelling, 2 story cement block & frame dwelling, 2 story cement block & frame barn & garage.

Auctioneers were Nevin Z. Martin and Lewis B. Groff.

xxx

A public auction of farm equipment was held Nov. 14 by Peter A. Boyer and Barbara L. Boyer, Ringtown Valley, Union Township, Schuylkill Co.

Items sold were: Ford 4000 gas tractor $5,300, 4-bottom plow $110, Vicon Finger wheel rake $600, Int. 130 manure spreader $250, disc $220, harrow $270, 16' flat bed wagon $500 and 1971 Dodge D-300 stake truck $850.

George & Mike Diebert were the auctioneers.

FARMERSVILLE AUCTION

TUESDAY, NOVEMBER 24, 1981
5:30 P.M.
In Farmersville, 3 mi. east of Brownstown, Lanc Co., Pa.

7 pc. breakfast set; rug; kneehole desk, 2 platform rockers; Zenith portable color TV; single bed; single Sealy Posturpedic bedding; Presto portable elec. heater; Hunter 20" elec. fan; tree lamp; large utility cabinet; Seth Thomas wall clock; G.E. Air conditioner; 2 elec. water heaters; Electrolux vacuum cleaner; Zenith AM & FM radio; Maytag wringer washer; G.E. record player; clothes tree; outside cellar door; window sashes; stack chairs; 8' folding tables; 2 plate coal stove; hanes buggy wheels, pots & pans; dishes; bedding; small items; etc. etc.
WE SELL ON COMMISSION

Call **JOHN J. RUTT**
354-5095

PUBLIC SALE
OF BUTCHER SHOP & WOODWORKING EQUIPMENT & OTHER PERSONAL PROPERTY
SAT. NOV. 28, 1981
Along Route 897 between Swartzville and Reinholds about 2 squares East of the former Black Horse Hotel in East Cocalico Township, Lanc. Co. Pa.

BUTCHER SHOP EQUIPMENT
dayton computing scales, U S meat slicer, 3 iron kettles, scalding trough, kentwood butcher furnace with steer heads brunnerville butcher furnace, butcher block, metal and wooden cattle spreaders, U S meat grinder, 2 lard presses, band meat saw, single trees, pudding stirrer, cleavers and butcher knives, 22 rifle, cash register; adding machine, wall scale, frozen food cabinet, 4 ft super cold meat case, 10 ft fogle meat case, counter, 2 chain hoists and lot of other small items used in the butcher shop,

WORKWORKING ITEMS
bench grinder, sander; large and small levels, vises small anvil, elec drills portable saws planer, elec drill press, elec. slodering kit, wooden lathe, furniture clamps, band saw; lot of hand tools, elec motors

OTHER PERSONAL PROPERTY
air compressor, gas heater; heatrola, pup tent, tool boxes, load binder saddle log chains, 2 new 13 in tires, wooden step ladder, 12 ft aluminum step ladder; one row corn planter, 2 iron pumps and pump troughs handy man jack eureaka tank cleaner wooden bed porch bench, 2 out board motors, bar room chair; oak laenated floor blocks circular saw and buck, ford tractor with hydraulic front end loader, work bench boat trailer, wagon wheels, riding mower wash stand crocks, cane seat and other chairs rocker, table model victrola marble slab girl s bicycle, brady broad axe, old locks thumb scales oil light, game and other pictures and frames, 7 piece gold rim water set, spoon holder; slaw cutter; 2 philco elec refrigerators one with top freezer sunray gas range, elec range butcher spoons and meat fork, king saxaphone clarinet avon bottle collection mug collection jugs, piano rolls cake stand cast iron fry pan jimbeam bottles old irons and lot of other items not listed also coins 64 silver dollars 60 silver halves some uncirculated dimes and nickles
SALE AT 9 A M — LUNCH STAND

TERMS BY
MRS. ANNA ROLINSKI
H.H. LEID AUCTION SERVICE

TAG SALE & SILENT AUCTION
FRI. DEC. 4 thru MON. DEC. 7
open 9:30 A.M. until 4 P.M. daily on above dates
(bidding on silent auction ends at 2 P.M. Sun Dec. 6)
Smokey Glen Farm
16407 Riffleford Rd.
Gaithersburg, MD

Advertising and Country Store Items; Old Comics; Disneyanna; Drug Store Items; Carriages; Wagons; Wicker Sleigh; Lots of Furniture; Household Items; Glass; China; Pottery; Old Dolls; Toys and Games; Occ. Japan Items; Old Christmas Decoratons; Hummels; 1846 Sampler; Watling Penny Scale; Magic Lantern Slides; Life size Fiberglass Horse; Old Clothing; Lots of Old Books and Paper Items; plus much, much more.

Free admission. Acres of free parking.
Sale to be held in heated building.
Good food available from Collegiate Barbequers Inc.
For detailed listing or further information call:
301-933-0250 or 948-9170.
Or write: Farm and Home Antiques
P.O. Box 42
Courthouse Station
Rockville, MD 20850

GAP AUCTION
FRIDAY EVE., NOV. 27
5:30 P.M.
Located off Route 41 - Lancaster Avenue Opposite Turkey Hill Minit Market - Cross RR Bridge.

ANTIQUES AND HOUSEHOLD GOODS SOLD AT EVERY AUCTION
CONSIGNMENTS ON MONDAYS FROM 8:00 A.M. to 7:00 P.M.
OTHER DAYS BY APPOINTMENT
Call us for pick-up service
IRA STOLTZFUS & SON, Auctioneers
442-4936 or 442-8254
CONDUCTORS ALL TYPES PUBLIC SALES

COMPLETE CATTLE DISPERSAL
Donald Austin
Berkshire, NY
FRI. NOV. 27
at 12:30 P.M.
Having decided to discontinue the farming business, we have been commissioned to sell the complete dairy of Donald Austin of Berkshire. Sale will be held at the Jack Wood Farm located on the Taylor Daily Rd., 3 mi. north of Cincinnatus, just off Rt. 26. Watch for auction arrows.

106 Registered and Quality High Grade Cattle

Dairy consists of 37 cows, 10 bred heifers, 32 yearlings to breeding age heifers, 14 started heifer calves to yearling age, 11 steers and 2 started service bulls. There are 10 fresh cows, 6 due to freshen before sale date, 7 due Jan. and Feb., and the balance due to calve from March thru August. Registered include daughters of Bootmaker, Combination, Neil, Elate, Olympic, Belmont, Eltimate, Willow, and Rock. Don is a DHIA w/a rolling herd ave. of 16,717 lbs. of milk. The cows and heifers carry the service of some of the top Eastern A.I. service sires of high productivity such as King Arthur, Elate, Opportunity, Neil, Ted and Lee.
Manager's note: This is a very good productive young dairy using the top ADS and Eastern sires. All cattle will have shipping fever and Lepto shots, plus blood and TB tested ready for immediate interstate shipment day of sale.
Terms: Cash or Good Check day of sale.
Lunch available.
Jack Wood Livestock and
Auction Service, Sales Managers
Cincinnatus, NY 13040
607-863-4141

Public Sales Register
Closing Date - Monday, 5 00 P M of each week's publication

NOVEMBER

SAT NOV 21 - 6 30 P M Danville Livestock Market, horse sale located Old Route 11, Danville, PA Melvin M Lehman, owner.

SAT NOV 21 - 10 A M Public Sale of Farm Equipment, Household Goods, Antiques and Guns Located along 322 3 miles east of Ephrata Marvin L and Susie L Habeger, Owners. Lamar Z Sensenig and Paul W Horst, Auctioneer

SAT NOV 21 - 2 P M Public Sale of Real Estate (Fire Hall) Located along Church St in the Village of Bowmansville, Lanc Co , PA Bowmansville Fire Co Leroy S Horst and Glenn E Fulmer, Auctioneers

SAT NOV 21 - 11 30 A M Public Sale of Tractors and Farm Equipment Located from Cross Keys, along Rt 30, take Rt 94 South 2/10 mile, first farm on right E. Ray and Linda L Cornett, Owners Dennis J Plunkert, Auctioneer

SAT NOV 21 - 9 A M Public Sale of Antiques Located at the Kauffmans Ruritan Building, 3 miles north of Greencastle, Franklin Co , PA along the Brown's Mill Road 8 miles south of Chambersburg, on Route 11 turn east 1 mile at Cross Roads Dairy sign On 81 exit 3 miles north of Allison Street J Robert Meyers, Auctioneer

SAT NOV 21 - 11 A M Public Sale of Real Estate and Household Items Located at Bloomsburg R D 5 off Route 11 North of Bloomsburg, turn at Deihl's Discount Centre Twp , Columbia County Edward Folk, Seller John and John Jr Autotore, Auctioneers

SAT NOV 21 - 10 A M Liquidation Sale Located at Nazz Mariani Co , on Rt 1 in Media, PA Vilsmeier Auction Co.

NOW 2 FEEDER PIG SALES PER MONTH
2ND & 4TH Mondays of Every Month At Caroline Sales Co., Denton, MD
Sponsored by: MD Pork Producers
"FARM FRESH PIGS DO BETTER"
Frank Copen, Mgr.
301-479-2656

Public Sales Register

Closing Date - Monday, 5.00 P M of each week's publication

SAT NOV 21 - 9 30 A M Public Sale of Farm Machinery Located ½ mi east of Mifflinburg along Rt 45 in Union County Larry Yarger, Owner Ken Smith, Auctioneer

SAT NOV 21 - 10 A M Public Sale of Antiques, Glassware, China, Silver, Jewelry and Collectibles Located 2 mi south of Mountville off Rt 462 on Central Manor Rd at Herr Fruit Farm (Old Sales Barn) H Edward Johnson, Auctioneer

SAT. NOV 21 11 A M Public Sale of 85 head of Reg and Grade Angus Cattle, Three Tractors and Modern Farm Machinery, Feed Having sold farms and discontinuing farming, will sell located 4 miles north of Hagerstown, Md on Rt 60 to Leitersburg, east ½ mile to Grove Road right ¼ mile (watch for signs) Sale by Breese M Dickinson, Robert C Mullendore, Auctioneer

MON NOV 23 - 2 P M Danville Livestock Market, cattle and hog auction Located Old Route 11, Danville, PA Melvin M Lehman, owner

MON NOV 23 - 5 P M Public Sale of Antique Furniture, Hummels, Collector Plates, Collectibles and Sterling Silver Items Located at the Brickerville Fire Hall, just off Rt 322 (Between Ephrata and Hershey) Brickerville, PA Terms by J. George Hornberger and Dorothy E. Hornberger T. Glenn Horst and Timothy G Horst, and Timothy G Horst, Auctioneers

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BULL RUN - HILL CREST ANGUS PRODUCTION SALE

SAT., NOV. 28, 1981,
12 Noon
at
Bull Run Farm
Located 2 mi. south of Gilberts Corner off US 15 West on Rt. 600

SELLING 50 LOTS
* 4 Herds Bulls
* 46 Females, Many with calves
For information contact:
VIRGINIA ANGUS ASSOC.
909 Landonia Circle
Charlottesville, VA. 22901
Tel: 804/293-3044

LEE D. DOCKEY AUCTIONEER
ESTATE LIQUIDATOR APPRAISER
Box 184 Pillow Pa 17080
Phone 758 6004

PUBLIC SALE

THURSDAY, NOVEMBER 26
10:00 A.M.

Located on Railroad Street, Millersburg (Lenkerville), Pennsylvania. Watch for sale sign at Kocher's IGA Store, Day of Sale.

ANTIQUES & COLLECTIBLES

Light Oak Sideboard with Ornate Mirror; Oak Round Glass China Closet; Low 1-Drawer Dry Sink; Oak Desk (painted); Round Top Trunk; Oak Wash Stand; (2) Flat Top Trunks; Oak Slant Front Ladies Desk; Empire Bureau; Oak Case and Walnut Case Sewing Machines; (2) Victorian Side Chairs; Set of 4 Pressed Back Chairs; Assortment of Plank Bottom and Pressed Back Chairs; Pedestal Stands; Oak Gingerbread Mantel Clock; Black Case Mantel Clock; Tramp Art Stemmed Bowl; Assortment of Picture Frames, some Gold Leaf; Coffee Grinder; Assortment of Jugs and Crocks; Iron Mush Kettle; Butcher's Bench; Wood Box; Enterprise Meat Grinder; Quilting Frame; (3) Early Quilts; Assortment of Quilt Tops; (3) Printed Taufscheins Dated 1848, 1851 and 1852; Kerosene Lamp; 3-Pc. Toilet Set; Milk Glass Covered Uncle Sam Boat (small edge chips); Double Handled Carnival Glass Cracker Jar; Pink and Green Depression Glass; Assortment of Pressed Glass; Bisque Head Doll Marked 3200; Etc.

HOUSEHOLD ITEMS

Caloric Combination Gas and Coal Stove; Apartment-Sized Coal Stove; Coleman Oil Room Heater; Speed Queen Wringer Washer; 2-Pc. Living Room Suite; Double Door Metal Wardrobe, Double Door Cedar Wardrobe; Metal Cabinet; Box Springs and Mattress; Cedar-Lined Blanket Chest; Misc Dishes, Pots and Pans; Assortment of Hand and Garden Tools; Etc.

TERMS: CASH. PERSONAL CHECKS ACCEPTED ONLY FROM PERSONS HAVING AN ESTABLISHED ACCOUNT WITH AUCTIONEER.

MARK HEISER, Owner
Dockey & Dockey, Auctioneer
Deppen, Apprentice

PUBLIC AUCTION

SATURDAY, NOV. 28
9:30 A.M. "SHARP"

820 East 2nd Street Nescopeck, Pa. Turn off Rt. 93 at light at Fuehrer - Uph. Shop. Watch for auction signs & arrows- go to 2nd St. watch for arrows.

ANTIQUES — COLLECTABLES HOUSEHOLD — GUNS GOLD & SILVER COINS

SALE UNDER TENT - RAIN OR SHINE!

Frigidaire Elec. Dryer - Maytag Auto. Washer - (Both Nice), 30" Frigidaire Elec. Stove, Hoover Tank type Vac-cleaner, Frigidaire 19 cubic foot Refg. - Freezer - (Nice), Solid Maple Table with leaves and 4 chairs, - Small Wood Rocking Horse - Highchair, Many old Records, Record Cabinet, Easy Ironing Mango, Pots, Pans, Kitchen Items, Radios, Ironing Board, Many, Many Toys & Games (Like New) Croquet Set, Step Stools, Racine Bavarian Meat Platters- Also many Bavarian Dishes, Nippon Noritake, Pressed Glass, Stemware, Complete Dining Room, Buffet, China Closet, Table & 6 Chairs, Telephone stand & chair, 9x12 room rugs, 9x12 - Anglo Persian Rug & Pad, B. Shoninger Piano & Bench, Singer Sewing machine & Cabinet, Oak Sideboard with Teardrop Handles, Platform Swivel Rocker, Sq. Trunks, Comb. Radio-Record Player & Tape Player, Free Standing Elec. Fireplace, Wood Benches, Recliner, Fireplace Log Holder, Coca Cola Cooler, Plateglass Wall Mirror, Elec. Firmline Back Massager, 4 legend Table, Coffee Table with glass top, Other Tables Also, 2 pc. Living Room Suit, Mohair Chair, Wood Maz. Rack, Brass Floorlights, Smoke Stand, Lamps, Boston Rocker, Books, Cloths Hamper, Hat Boxes, Odd Chairs, Xmas Decorations, Oak Wash Stand, Oak Dresser & Mirror (Both Nice), Oak Rocker (Nice), 4-post Solid Maple Bed (Nice), Box spring & Mattress, Pillows, Linens, Blankets, 2 Glass Bedroom Lamps, Dark Oak Dresser & Mirror, Ladies Hats, 4-pc. Wood Bedroom Suit & Vanity Bench, Maple Double Bed, Night Stand, 4-dr. Chest, 3-dr. Dresser (All Maple), 100% Wool West Point Uniform- Topcoat, Pants & Jacket (Very Good), Metal Drawer Type Filing Cabinet, Porch Furniture, Glider, Chairs, 2-Air Cond. about 8000 B.T.U., Billy Beer Cans, Rakes, Shovels, Hoes, Roseville 1 pc., Wood Folding Card Table, Wood Baby Crib, Vanity with swing-out Mirrors, Old Tredel Sewing Mach. (Boston), Wood Saddle Chair, Tiffany type lamp, R.C.A. Color T.V. (Works Good), Old Plank Rocker, Maple Chest with Desk Drawer, Smooth Oak Pot Belly Stove, Side x Side Oak Sect. Desk & Bow China Combination (Nice), Iron Bed with Brass Knobs, Old Doctors Scales (Floor Model), Floor Model Radio, Caned Bot. Rocker, Uph. Stand, Pair of Cast Iron Book Ends with Indian End Of Trail, Old Picture Frames, J.R. Beer Cans - Book of Luzern County History, Baskets, Gingerbread clock - wallclock.

Gold & Silver at - 1 o'clock

GOLD PIECES- Five Dollar- 1882, 1881, 1880-S. 2½ Dollars- 1851, 1909. One Dollar- 1873, 1861, two-1855, 1856.
SILVER PIECES- Dollars- 1878, 1879-S, 1880, 1881, 1882-O, 1883, 1884-S, 1885, 1886, 1887-S. Halves- 1817, 1813, 1810, 1809, 1869-S.
Quarters- 1877-S, 1876, 1862, 1856.
Half Dimes- 1860, 1857, 1840

Guns at - 2 o'clock

Old Belgium Flobert- 22 Rifle, 12 Gage Muzzle Loader (repo) (Unusual), Stevens Old 22-Rifle-Crack Shot-25 (Nice), 20 Gage Moseburg Shotgun (Good)

There are many items too numerous to mention. — We Have More! Statements made day of sale take precedence over previously written material - Not Responsible For Accidents.
Terms- Cash

NEVIUS AUCTION SERVICE
Auctioneers Licensed & Bonded
Dan Nevius (717) 752-4214
Olen Knecht (717) 683-5955
Clerk- Jay Leiby
Lunch to be served
Selling Personal Property & Antiques of Laura Peters
Give us a call - we do it all - Farms - Real Estate - Antiques - Heavy Equip. - A Complete Auction Service. CLIP & SAVE THIS AD

THANKSGIVING WEEKEND AUCTION EXTRAVAGANZA

FRIDAY, NOVEMBER 27, 1981
AT 10:00 A.M.
AT STONEY CREEK AUCTION BARN
8 Miles West of Harrisburg, Pa. on Rt. 22-322 West, then East ½ Mile from Dauphin, Pa. along Stoney Creek Road to Auction Barn.

ANTIQUE FURNITURE

Early Solid Cherry Slant Front Desk w/Tiger Maple Pigeon Holes - Ca. 1840, Early Solid Cherry 2 Pc. Corner Cupboard - Ca. 1860, Dated Pa. Dutch Dower Chest 1815, Solid Cherry Sheraton Drop Leaf Table, Solid Cherry, Sheraton Chest of Drawers - Ca. 1840, Early Pine Blanket Chest w/Original Grab Lock, 3 Rare Chippendale 8 ft. Display Cases w/Cabriole Legs & Ball & Claw Feet, Oak S-Roll Top Desk, Oak C-Roll Top Desk, Stieff Baby Grand Piano, 3 Pc. Oak Bedroom Suite, Oak Umbrella Showcase w/Curved Glass Top, Victorian Walnut Settee, Mahogany Section Bookcase, 4 Pc. Decorate Cottage Bedroom Suite, 8 Matching Cane Bottom Chairs, Ornate Rockers, Birdseye Maple Clawfoot Wardrobe, Flour Chest, Oak Highback Organ, Two 3 Pc. Twenty's Bedroom Suites, Walnut Victorian Sidechair, Doughtray, Clawfoot Tilt Top Table, 2 Spool Beds, Oak Sectional Bookcases, Several Pine Blanket Chests, 4 Pc. Duncan Phyfe Bedroom Suite, 4 Oak Bentwood Chairs, 7 Pc. Duncan Phyfe Dining Room Suite, Walnut Marble Top Stand, Chippendale Sidechair, Early Wicker Funeral Basket, Rockers, Plank Bottom Chairs, Empire Chest of Drawers, Early Harvest Table, 2 Treadle Sewing Machines, Saddlers Bench, 2 Duncan Phyfe Dining Room Suite, Tiger Maple Dresser, Solid Cherry Penna. House Dresser, Dresser/Desk Combination, Oak Stands, 3 Pc. Waterfall Bedroom Suite, Oak Wall Telephone, and Hundreds of Other Pieces of Furniture!

NINE ORIENTAL HANDMADE RUGS
COLLECTIBLES & GLASSWARE

Old Hershey Trolly Traffic Light, 10 cent Mechanical Horse, Kerosene Ships Lantern, Over 100 Pcs. Depression Glass, Weller Vase, Hummel Figures, Brass Sleigh Bells, Old Baskets, Ornate Victorian Wall Shelf, Iron Banks, Child's Dishes, Stereoscope & Cards, Old Cameras, Sheet Music, Old Books, 7 Shelf Clocks, Ironstone Dishes, Old Light Fixtures, Ruby Glass Souvenir Cups, Decorated Crocks & Jugs, Royal Copenhagen Cups & Saucers, All Types of Pressed, etched & Pattern Glass, Old Utensils, Sterling Silver Items, Antique Jewelry, Pictures & Prints, Woodenware, Advertising Items, Cook Cutters, Early Lap Desk, Brass Items, and Literally Hundreds of Collectible Items.

ANTIQUE CAR

1941 4 Door Chrysler in Good Running Condition. Excellent Interior!

NOTE: Inspection Thursday 11/26/81 from 7:00 P.M. to 9:00 P.M. Doors Open Friday, 11/27/81 at 8:00 A.M. Sale Order - 10:00 A.M. - Collectibles, 12:00 P.M. - Antique Car, 1:00 P.M. - Oriental Rugs. 3:30 P.M. - Furniture.
Cash or Traveller Checks Only!! NO OUT OF STATE CHECKS. Personal Checks not Accepted unless Established Account or Bank Letter of Credit.

SEVERAL LOCAL ESTATE CONSIGNMENT & QUALITY ADDITIONS

Kerry A. Pae, C.A.I. Auctioneer
Stoney Creek Auction Co.
86 Stoney Creek Drive, Dauphin, PA 17018
717-921-2100

SATURDAY, NOVEMBER 28, 1981

AT 9:00 A.M.
MARY J. DENISON ESTATE AUCTION
17 Room Farmhouse of Quality Antiques & Collectibles, Located on Denison Road. Just Past Our Auction Barn ½ Mile Turn Left onto Denison Road to Farm on Right.

ANTIQUE FURNITURE

Outstanding Walnut Victorian Halltree w/Marble Insert, Early Pine Wardrobe, Three 3 Pc. Oak Bedroom Suites w/Ornate Gingerbread & Highback Beds, Plank Bottom Settee w/Original Decorations, Set of 8 Matching Plank Bottom Chairs, Early Pa. Dutch Style Sideboard w/Sandwich Knobs, 4 Pc. Rataan Parlor Suite, Corner Cupboard, Dry Sink, Early Farm Table, Early Jelly Cupboard, Hoosier Cabinet Complete, Square Oak Extension Table, 3 Cherry Drop Leaf Tables, Round Oak Extension Table, 2 Early Hitchcock Chairs, Wicker Rocker, Marble Top Hall Stand, Oak Victrola, 2 Early Empire Card Tables, 4 Matching Spindle Back Plank Bottom Chairs, Morris Chair, Woodbox, Mission Oak Slant Front Desk, High Oak Dresser w/Matching Washstand, Walnut Empire Style Sofa, Captains Chairs, Mission Oak Bookshelves, 4 Poster Rope Bed, Marble Top Dresser, Child's Wicker Rocker, 2 Iron & Brass Beds, Several Washstands, 8 Oak Rockers, Several Sets of Oak Chairs, Brass Bed, Wicker Stand, Butcher Table, 6 Old Trunks, Unusual Slant Front Kneehole Desk w/Grain Plant, Oak Wheelchair, Oriental Style Rugs, Indian Rug, Quilts, Coverlets, Oak Stands, Mahogany Princess Dresser, Treadly Sewing Machine, Hall Table, Empire Dressers, Cottage Dressers, and Hundreds of Fine Furnishings!

COLLECTIBLES-CLOCKS-GLASSWARE

E.N. Welch Shelf Clock, Seth Thomas Mantle Clock, Collection of Old Books, Kerosene Lamps, Spongeware, 3 Decorated Cowden & Wilcox Crocks, Old Baskets, Brass Bells, Tinware, Early Child's Toys, Butcher Tools, Ironware, Shaker Boxes, Whale Oil Lamp, Coffee Grinder. Brass Kettle, Graniteware, Tin Lamp, 6 Pc. Pitcher & Washbowl Set, Flow Blue Pitcher & Bowl, Old Knives, Candlesticks, Weller Jardinere, Oval Walnut Frames, Hundreds Old Picture Frames & Prints, Toleware Coffee Pot, Antique Clothing, Old Halloween Masks, Needlepoint Items, Fiesta, Depression Glass, Scales, Inkwells, Nippon Vases, German & Austrian Hand Painted China, Pressed & Pattern Glass of all Types, Ornate Black Forest Cuckoo Clock, Arrowheads, Ironstone Meat Platters, English China, Razors, Old Cameras, Photos, Advertising Items, Hats, Jars, Buttons, Thousands of Items!

NOTE. There has Never Been an Auction at this Farm which was Built in 1900. We are uncovering Items Daily, so This is a Partial Listing. Sale Held Under Tent w/Heat, Food, etc. Bring a Chair and Plan to Spend the Entire Day. You'll Be Glad You Did.

ESTATE OF MARY J. DENISON
ROBERT J. DENISON, JR., Co-Executor
RICHARD E. DENISON, Co-Executor
S. PAUL MAZZA, Attorney

Kerry A. Pae, C.A.I. Auctioneer
Stoney Creek Auction Co.
86 Stoney Creek Drive
Dauphin, PA. 17018
717-921-2100

PUBLIC SALE
OF REAL ESTATE
(2½ Story Brick House & Lot On Corner Property)
FINE ANTIQUES - HOUSEHOLD GOODS & TOOLS
WEDNESDAY, NOVEMBER 25, 1981
At 10:00
Located at 501 & 503 E. Chestnut St., Lancaster, Pa. Corner of E. Chestnut & N. Ann St.

Real Estate: 2½ story brick house w/6 rms. & Full bath. Attached 1 story brick bldg. w/2 rms. & powder rm. 16' x 50' 1½ story brick bldg. Lg. vacant lot on east side of house. Lot size: 70' frontage by 90' depth more or less to 10' common alley in rear. Property will be open for inspection Sat's., Nov. 14 & 21 from 10:00 until 12:00 noon. Real Estate to be sold at 2:00.

Norge 2 door refrig. frost free; Quasar colored port. TV; Fedders 10,000 BTU window air cond.; elec. wall clock; furniture in walnut Vict., pine, cherry, oak Empire, curley maple, maple, mahg. etc. Walnut oval, deep walnut & other picture frames; brass & iron floor lights; Rohrer's liquor yardstick; crockery; 1,000 lb. iron safe (T. Stiffed & Co., Lanc.); articles in brass, tin, wood & iron. Tree of Life china dinner set (8); glassware & china in German, pressed, copper lustre; cut, Heisey, vaseline, Nippon, Noritake, ironstone, Chinese, flint, mach. etched, sandwich etc. H.E. Shunent doll; Hummel Heavenly Angel. Kitchen articles; bedding & linens; costume jewelry; wheel barrows; grind stone; step ladders; hand, stop & garden tools; misc. hardware & other articles not listed. NO OUT OF STATE CHECKS ACCEPTED. Food served.

Sale by
HELEN H. WERTZ ESTATE
Carl A. Wiker Atty.
Howard Shaub Auctioneer 464-3541
and Roy C. Probst

AUTOTORE'S AUCTION

SATURDAY, NOVEMBER 21
Starting at 11 A.M.
Location-Bloomsburg R.D. 5 off route 11 North of Bloomsburg. Turn at Deihl's Discount (Follow auction arrows), Centre Twp., Columbia County.
Residential-Commercial Agriculture Properties

45 acres of fine agriculture lying along I-80 having a lg. 40x200 steel building on cement slab, fully insulated & heated & cooled by two heat pump units. 2 well giving 100 gal. per minute. 200 Amp service & 3 phase wiring. Property suitable for multi purpose & potential development. Building and 5 acres to be offered in one parcel. 40 tillable acres to be offered in 2nd parcel

Property #2 is located off route 11 North of Bloomsburg, turn left at Lackawanna Ave There is 31 acres of which 20 have been approved for 40 building lots. 11 acres have commercial frontage.

Also being sold is new household items.

Personal Property- large John Beam RC90 air sprayer w/approx. 100' reach; gas fumagating machine w/tarp layer and gluer; approx. 1200 treated 5"x8' fence posts; approx. 20 rolls 4' high x 125' fence wire; restaurant equipped; commercial dryers; gas ranges; F100 1965 Ford pickup; plus many unlisted items.

Terms- Property Property-Cash. Real Estate-Property 1 - 45 acres - $10,000 down, balance in thirty days. Buyer pays all transfer taxes.

Real Estate #2 $5,000 down day of Auction balance in thirty days. Buyer pays all transfer taxes. Property #2 can be financed by seller by qualified buyer. Statements made day of auction regarding real estate take precedences over any previously written material.

Real Estate to beoffered at 12:30 P M.

Seller- **EDWARD FOLK**
717-784-9435
Auctioneers:
John Autotore 784-3506
John Jr. 784-0381

For appointment to see Properties prior to auction call 717-784-9435

Public Sales Register
Closing Date - Monday, 5 00 P M of each week's publication

TUES NOV 24 2 P M Public Sale of Valuable Real Estate Located at 211 East York Street, Biglerville, PA William D Wentzel, Owner C David Redding, Auctioneer

TUES NOV 24 5 30 P M Farmersville Auction In Farmersville, 3 mi East of Brownstown Lancaster County, Pa John J Rutt, Auctioneer

TUES NOV 24 2 P M Public Sale of Real Estate Located 1½ miles south of Union, 1 mile north of Octorora Lake off Rt 472 in Colerain Twp Wright and Rohrbach, Owners Claude F Smith, Auctioneers

PUBLIC AUCTION
FARM EQUIPMENT & TRUCKS & ROLLER
THURSDAY, DEC. 3, 1981
at 11:30 A.M.
Midway between Boyertown & Bally along Rt. 100 next to (Brook's Meat Plant), Berks Co. Pa.

White 2-85 Field Boss diesel tractor w/dbl. wet line, 315 hrs.; AC 5040 diesel w/front end loader approx. 100 hrs.; JD 3 bot. 3 pt. 16" trip pl.; White 12' transport disc; AC #600 4 row no till corn planter; JD 17 single disc grain drill on rubber; AC Gleaner model E combine w/12' hume reel & 2 row wide C head; Century 300 gal. trailer weed sprayer w/hyd. pump; JD 3 pt. 246-247 two row C planter; N Idea 3 pt. spinner seeder & spreader; Wood Bros. #M-5 3 pt. rotary cutter; Kelly 3 pt. log splitter; Ideal 75 bu. hog feeder; 275 & 300 gal. fuel tanks; Ingram 5 ton roller w/4 cyl. engine; 6'x8' pickup body cab; (2) 16 5 x 9.50 snow tire & 8.20 x 20'; plus many items too numerous to mention.

TRUCKS 1961 Int. B-170 w/12' stake dump 21,000 GVW, low mileage, overhauled engine; 1980 Chev. custom deluxe pickup 4x4 w/350 engine, auto trans, 16,000 miles uses regular gas;

Auct. Note- Few of above items new, bal is also in nice shape.

Terms- Cash or check Refreshments served

Ordered by
RAYMOND B. LONG
Conducted by
Ralph W. Zettlemoyer
Auction Co. Inc.
(215) 395-8084

PUBLIC SALE
THANKSGIVING DAY
THURSDAY, NOVEMBER 26, 1981
Time: 1:30 P.M.
POTTIES AUCTION
Located midway between Carlisle and Shippensburg, Pa. on U.S. 11.
Will be selling the estate of Margaret Gaylor of Walnut St. Carlisle.
ANTIQUES, MODERN FURNITURE AND COLLECTIBLES

Victorian sofa, love seat 2 chairs, 2 mahogany dropleaf tables, old blanket chest, marble stand, Victorian stand, mahogany Queen Anne desk, 2 pc. walnut desk, 3 pc. wicker, Queen Anne chair, claw foot corner table, mahogany hall table, old tilt top stand, pie crust table, 2 old flower stands, 2 gold leaf mirrors, other beveled mirrors, shoe rack, poster bedroom suite, 7 pc. mahogany dining room suite, 6 pc. mahogany Queen Anne bedroom suite, 5 French Provincial tables, French Provincial chairs, 6 pc. white wrought iron patio furniture, apartment size refrigerator, pictures and paintings.

100 pc Trenton china, approx 50 pcs. sterling - flatware, candle holders, creamers, pitchers, 15 pc. Heisey type punch bowl set, Rogers silver, several pieces of Pairpoint, Lamoge, iron stone, a lot of other fine china and glass, 2 Alabaster lights, matching mirror and candle holders, 1 oriental rug, 4 other good rugs, a lot of linens

This is just a small listing All items are in good condition and a lot of items not seen in a locked attic.

ESTATE OF MARGARET GAYLOR
George Stuart, Attorney
Carol Burruss Auctioneer
Rife and Warren Clerks
TERMS: Cash or Travelers Checks

TUES NOV 24 11 A M Public Sale of Farm Equipment, Cattle and Sheep Located midway between Oley and Pleasantville, turn south onto Snyder Rd to 1st farm on right, Berks Co, PA Marvin W Waid Ralph W Zettlemoyer Auction Co, Inc

TUES NOV 24 10 A M Public Sale of Tractors, Trailers, Trucks, Equipment, Valves, Tanks and Misc Location On NJ Rt 44 (Crown Point Rd), 1/8 mi north of Paulsboro, NJ, which is approx 14 mi south of the Walt Whitman Bridge From north or southbound I 295, get off at the Exit road (Mantua Grove Rd), turn left and proceed about ¼ mi to the stop sign and turn left onto Crown Point Rd to the sale site on the left Manchester s Machinery and Welding Owner Vilsmeier Auction Co, Inc

THURS NOV 26 9 30 A M Public Sale of Real Estate and Personal Property Located 1 mi south of Freysville, toward Windsor, along the Windsor and Freysville Rd Perry Young Estate Blaine N Rentzel, Auctioneer

THURS NOV 26 9 30 A M Public Sale of Real Estate and Personal Property Located 1 mi south of Freysville, toward Windsor, along the Windsor and Freysville Rd Perry Young Estate Blaine N Rentzel, Auctioneer

PUBLIC SALE
FARM MACHINERY
FRIDAY, NOVEMBER 27
at 11:00 A.M.
Located 5 miles south of Hanover along Baltimore Pike, watch for signs.

No small items.

JD 2440 tractor w/2 post roll guards and roof, remote valve, live PTO; Oliver 550 tractor w/loader, loader has hydraulic bucket, tractor has 3 pt. and power steering; JD 336 baler w/thrower; NH 260 rotabar rake, like new; JD 1209 hay bind, 9' cut; NH 36 flail chopper, Pittsburgh 10' wheel disc, like new; Brillion cultipacker 10'; Zimmerman 8 ton wagon w/flotation tires and high sides; 16' hay elevator; IH four bottom trailer plow, trip back bottom; JD #8 harvester w/one row corn head; NI 206 manure spreader; IH manure spreader, 2 section harrow; IH model 1800 truck w/Daffin feed mill, no engine on feed mill.

Terms: Cash or Good Check.
Full settlement sale day.

MR. AND MRS. JAMES HORAK
R D 2, Hanover
Auctioneer:
Blaine N. Rentzel
Emigsville, PA
764-6412

PUBLIC AUCTION
FARM EQUIP.; JERSEY DAIRY HERD; SHEEP
TUESDAY, NOV. 24, 1981
at 11 A.M.
Midway between Oley & Pleasantville, turn south onto Snyder Road to 1st farm on right, Berks Co., Pa.

Dairy Herd: (55) head of registered Jersey dairy cattle, 40 head are milking in various stages of production, majority fresh or close fresh, balance calves to yearlings, blood lines such as Wilderness, Meadowview Farms, Bold Torino, Chocolate Sunday, mostly bred to ABS bulls 1000 plus, tested w/individual charts to buyers, write or call for detailed information.

Farm Equip.: JD 4320 diesel w/side console (nice); JD 420 w/3 pt. hitch 2400 hrs., culti for same; JD #1710-11' mulch tiller; 10' transport disc; 10' roller harrow; JD 8250- 14 single disc grain drill w/grass seed banding attach; JD P-1250 six row narrow corn planter; JD 680 tandem axle manure spreader w/hyd. end gate (used 5 months); N Idea 701 Uni tractor w/combine & 13' hume reel, also 3 r narrow C head & shelling attach; NH 770 forage harvester w/two r narrow C head & pick up attach; Grove two beater forage wagon; (2) NH #8 forage wagons; JD #66 pto hopper blower, Hesston PT-7 haybine; NH 55 rake; Int. #26 baler w/thrower; (2) McCurdy gravity wagons w/6 ton running gears; JD 310 tandem axle auger wagon; Int. 1 PR C husker; JD 3 pt spinner spreader; JD 3pt. 140 weed sprayer; 3 pt. auto roller miller w/auger; Badger engine driven bedding chopper; Badger calf waterer; (2) calf hutches; (2) round hay feeders; air compressor; 30'x40' story barn (six) mon. removal time; (15) Hampshire ewes, some registered, purchased at Keystone ewe sale.

NOTE: No small items, sale starts promptly w/farm equip. sheep to follow, dairy cattle approx 1 P.M.

Terms- Cash or check, out of state checks accepted w/bank letter of credit.

Refreshments served

Ordered by
MARVIN W. WAID
Conducted by Ralph W. Zettlemoyer Auction Co. Inc.
215-395-8084

THURS NOV 26 10 A M Public Sale of Antiques, Collectibles and Household Items Located on Railroad Street, Millersburg (Lenkerville), PA Mark Heiser, Owner Dockey and Dockey, Auctioneers

THURS NOV 26 9 30 A M Public Sale of Tractors and New and Used Tools Location From I 81 at Inwood, WV, take Rt 51 east travel 3½ mi to Larry's Market (formerly Haines') Turn right, 2 mi to sale or From Charles Town, WV, take Rt 51 west, go approx 8 mi to Larry's Market, turn left, 2 mi to sale Jones, Miller and Bohrer, Auctioneers

THURS NOV 26 and SAT NOV 28 9 A M Public Sale of Shop Equipment, Tools, Roto-tiller, Snowblower, Mulcher, Oriental Rugs, Guns, Knives, Middle and Far East Items and Household Antiques Located 12 mi north of Gettsburg, PA along Rt 34 in the Village of Gardners, Adams Co, PA Harry R Miller Jr, Owner Clair R Slaybaugh, Auctioneer

THURS NOV 26 1 30 P M Public Sale of Antiques, Furniture and Collectibles Located midway between Carlisle and Shippensburg, PA on U S 11 Estate of Margaret Gaylor - Carol Burruss, Auctioneer

THURS NOV 26 - 5 30 P M Public Sale of Race Car, Antiques, Furniture and Household Goods Located at 950 Page Rd, 1 mi north of 61st and Derry Streets, E Harrisburg, PA Col L M F Hocker and Harnsberger, Auctioneers

FRI NOV 27 5 30 P M Gap Auction Antiques and Household Goods sold at every auction Located off Rt 41 Lancaster Turkey Hill Minit Market, cross RR bridge, Ira Stoltzfus & Son, Auctioneers

FRI NOV 27 8 A M Public Sale of Cattle and Farm Machinery Located 3 mi north of Waynesboro 11 mi south of Chambersburg off Rt 316 near Five Forks, Franklin Co, PA Daniel R and Esther C Petre, Owners Edgar J Stull, Auctioneer

SAT FEB 27 9 A M Public Sale of Farm Machinery, Livestock, Antiques and Household Goods Strasburg Fire Co 8th Annual Public Sale Sale managed by Elvin Seigrist and Alvin Miller and local auctioneers

FRI NOV 27 11 A M Public Sale of Farm Machinery Located 5 mi south of Hanover along Baltimore Pike Mr and Mrs James Horak, Owners Blaine N Rentzel, Auctioneer

PIGS
Here are just a few reasons why you should attend the "State Graded" Feeder Pig Sales at Westminster!
- ★ Lots of pigs
- ★ Easy to get to
- ★ Super sanitary
- ★ Outstanding quality
- ★ Quick service
- ★ No tagging charge
- ★ No shipped pigs

FRIDAY
NOV. 27
1:30 P.M.
WESTMINSTER
Livestock Auction
For directions or info call collect (301) 733-8120 or write box 108 Hagerstown, Md

Public Sales Register

Closing Date - Monday, 5:00 P.M. of each week's publication

FRI NOV. 27 - 10 A M Public Sale of Antique Furniture, Oriental Rugs, Collectibles, Glassware and Antique Car Located 8 mi west of Harrisburg, PA on Rt 22-322, then East ½ mi from Dauphin, PA, along Stoney Creek Road to Auction Barn Kerry A Pae, Auct

FRI NOV 27 9 A M Public Sale of Household Items, Antiques and Shop Tools Located in the Village of McKees Falls, along 11-15, midway between Liverpool and Port Trevorton Donald Elsasser, Jr and Cheryl Elasser, Owners Hoffman, Auctioneer

FRI NOV 27 - 12 30 Noon Day Dairy Cow Sale including 2 load fancy Registered and Grade cows and heifers from New England States and Canada To be held at Smoketown Quality Dairy Sales, Rt 340, 5 miles East of Lancaster, 5 miles West of Intercourse Sale by Gordon and Helen Fritz Carl Diller & Paul Snyder, Auctioneers

SAT NOV 28 - Public Sale of Farm and Small Acreage Located approx 56 mi west of Harrisburg, Juniata Co, PA Long Bros., Auctioneers 717-527-4784.

SAT NOV 28 - 9 A.M Public Sale of Butcher Shop and Wood Working Equipment and Other Personal Property Located along Rt 897 between Swartzville and Reinholds, about 2 squares east of the former Black Horse Hotel in EST

Cocalico Twp Lanc Co, PA Mrs Anna Kolinski H H Leid Auction Service

SAT NOV 28 - 9 A M Public Sale of Sewing Supplies, Tools and Household Goods Located 6 mi south of Quarryville, 8 mi. north of Oxford, 500' off 472 along Maple Shape Rd at Kirkwood Fabric, Lanc Co Sale by Abram B Stoltzfus

SAT NOV 28 - 1 P M Public Sale of Real Estate Located ½ mi. east Nickel Mines on White Oak Rd Terms by Ben and Barbara Esh Steve Petersheim and Everett Kreider, Auctioneers 717-786-4624

SAT NOV 28 - 9 A M Public Sale of Antique Furniture, Collectibles, Clocks and Glassware Located on Denison Rd, just past Stoney Creek Auction Barn, ½ mile turn left onto Denison Road to farm on right (8 mi west of Harrisburg, PA or Rt 22-322 West, then East ½ mi from Dauphin, PA along Stoney Creek Rd to Auction Barn) Estate of Mary J Denison. Kerry A Pae, Auctioneer

SAT. NOV 28 - 11 A.M. Consignment Horse Sale at the Keister's Middleburg Auction Sales, Inc Rt 522, 3 miles East of Middleburg, 5 miles West of Selinsgrove, Pa Don & Walt Keister, Owners, Ray Long & Dave Imes Auctioneers.

PUBLIC SALE

WEDNESDAY, NOV. 25, 1981
at 1:00 p.m.
REAL ESTATE
8 Acre Chicken & Produce Farm

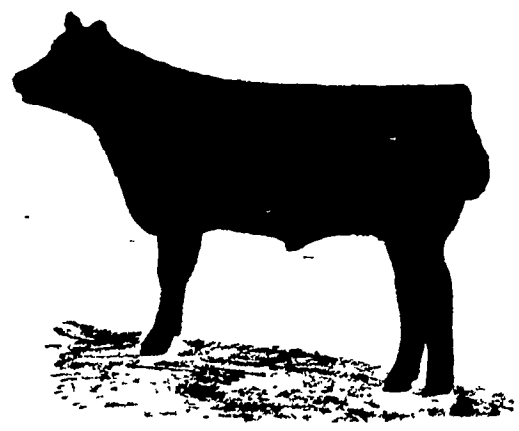
Located in Leacock Township, Lancaster County, PA — 1 mile west of Intercourse, 2½ miles east of Bird-in-Hand on Old Leacock Road, ¼ mile south of Route 340 - Watch for signs.

REAL ESTATE consists of a 2½ story frame stucco house with 4 bedrooms and bath, bank barn renovated for hogs (100 head capacity), high rise chicken house (10,000 bird capacity), diesel air compressor, lights and all accessories go with real estate, house trailer, carriage shed. Barn scaffolded for tobacco situated on 8 acres of ground of which 4 acres are tillable with balance in pasture. Improvements well maintained.

TERMS OF SALE: 10% down day of sale, final settlement 90 days or negotiable.

Terms by:
AMOS E. & ANNA S. FISHER

Auctioneers:
Steve Petersheim
Call collect - 717-786-4624
Everett Kreider



WALTER FAMILY CLUB CALF SALE

FRIDAY, NOVEMBER 27, 1981
7:30 P.M. Sharp

50 head of preconditioned & halter broken club calves. Consisting of Angus, Chianina, Simmental Limousin, Maine Anjou, Hereford and Charolais crosses.

We will be featuring young, black Chianina and Limousin crosses which will make super Farm Show prospects. We also have a dynamic set of black Simmental calves.

We are thoroughly impressed with the quality of the calves and are looking forward to presenting to you "Our best set of calves yet!"

Sale location: Shady Lane Dairy Sales, Quarryville.

Further Inquiries: **Donald Walter**
RD2 Airville, PA 17302
717-862-3366

PUBLIC SALE

OF VALUABLE FARM, FARM MACHINERY AND ANTIQUE HOUSEHOLD GOODS
SATURDAY, NOVEMBER 28
Sale at 10:00 A.M.

Located in Guilford township, Franklin Co., Pa. 5 miles east of Chambersburg exit 6 of Interstate 81 turn south off U.S. route 30 at Fayetteville on to old route 997 or Mont Alto Rd. go 2½ miles to New Guilford church turn north. Watch for sale signs.

MF 165 gas tractor wide front on good rubber; MF 35 tractor wide front heavy duty loader; 1936 Graham Bradley 6 cylinder tractor; JD 55 12 ft. self-propelled combine; NH 461 hay bine; Lot of other farm machinery.

At 1:00 PM will offer real estate. 120 acres more or less all undercultivation with road frontage. Good Duffield soil. Improved by 2½ story frame weatherboard house, with aluminum siding. 9 rooms with 2 baths, 80 ft. two floor bank barn. 10x50 ft. concrete silo, block milk house. 30x42 ft. concrete floor wagon shed with 2 large corn cribs 45x90 ft. open front steel frame and siding implement shed. 25x50 ft. 3 story block chicken house. 2 car block garage. Drilled well, cistern and reservoir.

For inspection of real estate call 717-352-7778 after 5:30 P.M. or 717-328-3227. Terms of real estate 10% down other terms say of sale. Real Estate subject to prior sale.

Order of sale: household goods, tools and machinery
Lunch stand reserved

Estate of
MELVIN B. CAUFMAN
Edgar J. Stull Auctioneer
Richard K. Hoskinson Attorney

PUBLIC SALE

OF 46 ACRE FARM
Lancaster County, Pa. (Brownstown)
West Earl Township.
WED., NOV. 25, 1981
SALE TIME 2 P.M.
Located along E. Main St., Brownstown, Pa.

46 ACRES (More or Less)
Limestone Soil. Borders Conestoga Creek.

2½ STORY FRAME DWELLING

Zoned Residential. 3 bedrooms & full bath on second floor. Large living room, large eat-in kitchen, dining room, family room, summer kitchen with fireplace.

Oil fired hot air heat. 1000 gal. buried tank. Never failing well or boro water. New drainfield.

BANK BARN — 60' x 100'
Steers or Pigs
3 STORY CHICKEN HOUSE 30' x 60'
20' x 32' 2-CAR GARAGE & WORK SHOP

This farm is idealy located in heart of Lancaster farm country. Situated next to village of Brownstown.

50' frontage on North Church St. and many feet frontage along E. Main St.

Easy access to Metropolitan areas, ¼" mile from Rt. 222 & Rt. 772 (Brownstown) interchange.

Open House — Sat., Nov. 14 & Sat., Nov. 21 from 12 noon to 4 p.m. or for information or inspection 665-6040.

Terms By:
ELLA BUCH WEIDLER ESTATE
Allen W. Buch,
Miriam V. Good,
Executors

T. Glenn Horst, Auct.
Timothy G. Horst, Auct.
859-1331
Eaby & Eaby, Atty.

CONSIGNMENT HORSE SALE

SATURDAY, NOVEMBER 28
11:00 A.M. Sharp
Tack sold at 9:30 A.M.
Horses Hitched at 9:00 A.M.
(If weather permits)
KEISTER'S MIDDLEBURG AUCTION SALES, INC.
Route 522, 3 miles East of Middleburg
5 miles West of Selinsgrove

WORK HORSES

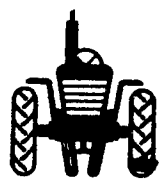
Including team of 3 and 4 yr. old Belgian Mares (no papers). Been worked in all farm machinery this summer. Also 2 yr. old Belgian stud colt (no papers).

NOTICE This is the last horse sale for this year.

One load of sharp standardbred, carriage & buggy horses.

For Information Call
717-992-1490 or 717-837-2222
KEISTER'S MIDDLEBURG AUCTION SALES, INC.
Rt. 522 - RD 3, Middleburg, Pa.
Owners
DON & WALT KEISTER
Ray Long & Dave Imes Auctioneers

Terms: Cash — Trucking Available
Restaurant Open



GRAIN FARM MACHINERY AUCTION

SAT., DEC. 5, 1981
at 10 A.M.
Phillipsburg, N.J.

For Marie K. Litton, located on Hensfoot Rd., off Rt. 57, opposite Wicks Lumber Co. Entrance, 1½ miles East of Phillipsburg, N.J., Lopatcong Twp. From Rt. 22 - 78 at circle take Rt. 519 North to Hensfoot Rd. by Hineline Meat Plant. Blizzard Date Mon. Dec. 7, 1981.

10 A.M. SHOP ITEMS - torch set, drill press stand, elect saws, grinder, copper tubing, various machine parts, belts, hyd hoses, some hand tools, Dayton meat scale, Vises, oil, etc Simplicety 4008 and Sears riding lawn mowers

CHICKEN EQUIP. - brooder, egg grade, 480 cages, feeders, various other chicken equipment. Grain tester, various seeds, waxy corn, Sudex, etc Sprays, cans of Lasso, Lorox, Bladex etc Feed carts, various barn fans, 3 fuel tanks, gates, electric fencer, fence wire and posts.

12 NOON COMBINE - John Deere 4400 DL self propelled combine w/4 row 443 corn hd. and 13 ft grain hd , cab etc

TRACTORS - Ford 8600 DL tractor Dual power W F 3 PTH 1000 hrs., J D 2630 DL W F 3 PTH 807 hrs , J.D 1010 row crop W.F 3 PTH w/fully hyd front end loader, Ford 5000 DL tractor 3 PTH. W F

TRUCKS - 1975 IHC Loadstar 1600 w/factory 330 bu metal grain dump body, 2 spd rear, 14,000 miles 1964 Chev 60 w/275 bu dump grain body 1964 Chev. 60 cab over w/12 ft flat bed, 1971 Ford Econoline as is

FIELD EQUIPMENT - J D 4 row 7000 maxi merge corn planter 30" w/monitor, J.D 17 hole grain drill, IHC 4 btm 710 auto reset semi mtd plow, Taylor Way 3 PTh 10 ft. chisel plow, Allied 12 ft. heavy transport disc, Dunham 12 ft cultimulcher, 2 sec harrow, 400 gal field sprayer, N H. 68 hay baler, N H 3 PTH 7 ft mower, 3 PTH Ferguson hay rake, 2 flat hay wagons, 3 PTH cultivator, N.I. 165 bu PTO manure spreader, Ford 5 ft rotary mower, N I 3 PTH spinner fert spreader, snow plow w/frame

GRAIN BINS - AUGERS ETC. - Stormor 5200 bu bin w/dryer unit built in, spreader, stirator, Dryomation farm fan and loading auger, sells complete! Stormor 5200 bu bin w/fan , 24 ft bin sweep auger, Cardinal loading auger hyd unloading auger for trucks, N I 30 ft transport auger, Allied 34 ft PTO transport auger, Mayrath 20 ft. transport auger w/high jack, 50 ft PTO transport auger Various small augers, 12 ft floor pit auger, grain fan

BUILDINGS - Pole shed 66 x 50 Alum & pole construction 3-60x100 chicken houses

AUCTIONEERS NOTE: Due to the fatal farm accident of Mr. Litton, Mrs. Litton has decided to discontinue the grain farm operation. Equipment has been kept under cover and is in good condition! With the high cost of new machinery, attending this sale can be very profitable! Owner and Auctioneer not responsible for accidents! Lunch available!

TERMS - Cash or Good Check with Identification, Paid in Full Sale Day!

Owner, MARIE K. LITTON

Sale Conducted By:
Col. Fred R. Daniel Auctioneers Inc.,
Neshanic Sta., N.J. 201-369-4784
Farm Sales are our specialty

Public Sales Register

Closing Date - Monday, 5.00 P.M. of each week's publication

SAT NOV. 28 - 12 30 P.M Public Sale of Cattle Located at Cortland Sales Pavilion, on Rt 41, just off of I-81, exit 10, toward McGraw Samuel and Helen Pickett, Owners
A V Zogg, Jr , Auctioneer

SAT NOV 28 - 9 30 A M Public Sale of Antiques, Collectibles, Household, Guns, and Gold and Silver Coins Located at 820 East 2nd St , Nescopeck, PA, turn off Rt 93 at light at Fuehrer Uph Shop Laura Peters, Owners Nevius Auction Service

SAT NOV 28 - 12 Noon Public Sale of Cattle Located 2 mi south of Gilberts Corner off U S 15 West on Rt 600 Virginia Angus Assoc 804-293-3044

SAT NOV 28 - 10 A M Public Sale of Horses and Equipment Located at Apollo Equestrian Center, 1 8 mi north of Junction of Rt 356 and Rt 66 near Northmoreland Park, Estate of Dick Fitzsimmons L H Kuznik, Auctioneer

MON NOV 30 - 2 P M Danville Livestock Market, cattle and hog auction Located Old Route 11, Danville,THURS JAN 7, 1 9 8 2 , 9 30 A M Dispersal of Holstein herd, hi grades & reg , horse drawn farm machinery, work horses Located 3 mi south of Strasburg Terms by Gideon B & Katie Stoltzfus Steve Petersheim, Auctioneer

DECEMBER

THURS DEC 3 11 A M Public Sale of Construction and Earth Moving Equipment Location U S 13 to Middletown, DE S Through Middletown on Rt 301 about 3 6 mi to County Rd 445, just before MD Line, left on 445 New Castle Construction Co , ' ic Rudnick and Matas, Auctioneers

THURS DEC 3 - 11 30 A M Public Sale of Farm Equipment, Trucks and Roller Located midway between Boyertown and Bally along Rt 100 next to Brook's Meat Plant, Berks Co , PA Ordered by Raymond B Long Ralph W Zettlemoyer Auction Co , Inc

FRI DEC 4 Monthly Cow Sale at the Melvin Kolb, Inc Sales Barn, 2220 Dairy Road, Lancaster, Pa 17601 Dennis Kolb, Sales Manager, Robert Mullendore, Auctioneer

FRI DEC 4 thru MON DEC 7 - 9 30 A M - 4 P M daily Public Sale of Misc Located at Smokey Glen Farm, 16407 Riffleford Rd., Gaithersburg, MD Tag Sale and Silent Auction 301-933-0250

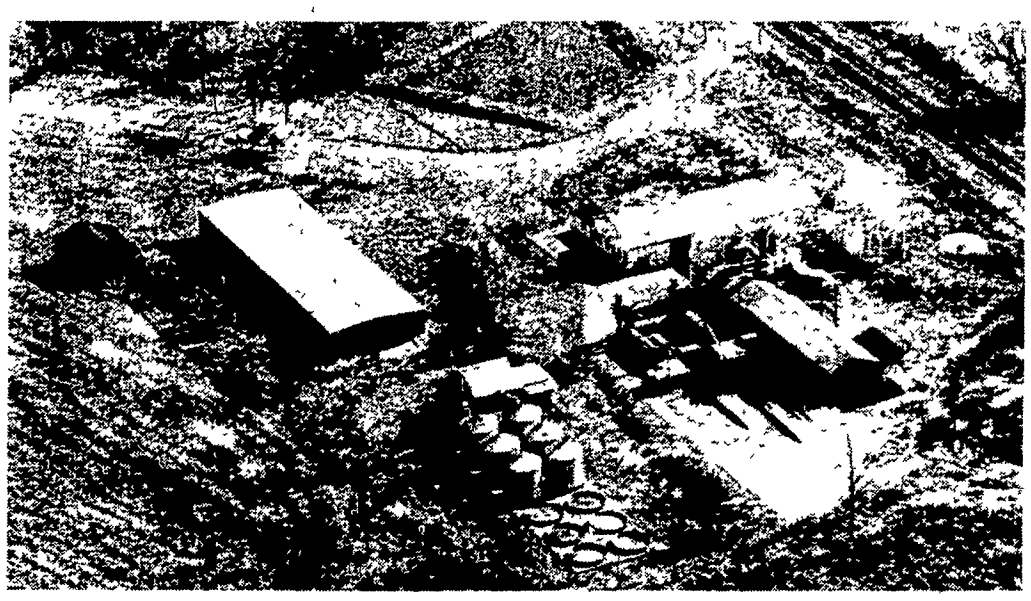
SAT DEC 5 - 9 30 A M Public Sale of Big Grain Farm Machinery Located in Phillipsburg, NJ Marie Litton, Owner Colonel Fred R Daniel, Auctioneer

SAT DEC 5 - 9 A M 4th Annual Year end Auction by Farmersville Equipment Inc Located in Farmersville, PA John E and Paul E Martin, Auctioneers

SAT DEC 5 10 A M Public Sale of Farm Equipment Located on U S Rt 13, 1 mile north of Delmar, DE and 8 miles north of Salisbury, MD 4th Annaul Eastern Shore Equipment Dealer's Assn Farm Equipment Sale Pete Richardson, Auctioneer

TRUSTEE'S AUCTION

ALFALFA PROCESSING PLANT & REAL ESTATE



Farm Implements-Shop Tools Sold Piece By Piece

Bankruptcy Court, Eastern Dist. of Pa.
In Matter of Schoeneck Farms, Inc. (operating as Lehampton Farms, Inc.)
Case #78-682TT-H.S. Cohen, Esq., Trustee
Between Allentown & Kutztown-Schoeneck Rd. 1 Mi. W. of RT. 100. South of RTS. 22 & 222 Macungie, Lower Macungie Twp., Lehigh County, Pa.

Real Estate: $15,000 deposit by guaranteed funds-14 ± ac. ConRail RR. spur. Excellent 50'x150' repair shop bldg./office/showroom. 100'x40' office/storage bldg. Underground fuel tanks. Close to Mack Truck Mfg. plant.

ALFALFA PROCESSING EQUIP.: $30,000 deposit by cash, bank treasurer's or certified check. May be offered separately in bulk or w/R.E.

FARM MACHINERY & SHOP EQUIP : Complete payment by cash or certified check. May not be removed until following week

FARM IMPLEMENTS & STORAGE: Howe Md. 5960 truck scale, (6) Butler grain storage bins (3400 bu); Mathews dryer mdl. 500, s/n 909769; Mathews dryer md. 600E, s/n 18082; GMC 7500 dump truck mdl. Heil w/16'x7' body; Chev. pick-up w/mounted fuel tank, IH 504 gas tractor #3075; MF gas tractor w/front end loader; IH 700 reset 6-bottom plow, IH 720 reset 6-bottom plow; IH 37 disk; JD 3D17 grain drill; JD VB grain drill; JD 1240 4 row low planter, IH 4 row cultivator, 1000 gal. S S. tank w/spray boom, JD 32A spray w/pump; 5 ton dump wagon, assorted stationary fuel tanks.

SHOP & OFFICE EQUIP. (3) air compressors (5 hp & 7.5 hp); Eureka 10-ton floor jack, (4) welders & equipment; portable air compressor; Jenny mdl. 200 steam cleaner; Delta drill press; chain saws; tractor tire chains; Graymills parts washer, heavy duty vises, bench grinders; come-a-longs, pipe dies; spark plug tester; chain hoist; press; water pumps; air-cooled engines-low hp; seed bags (large quantity); grease pumps, parts bins; IH wheel weights, jack stands; drums of lubricating oils; drums of chemicals; creepers; 10-50 hp motors; time clock-UDY grain analyzers & testing equip., elec. drills; air guns; pipe dies & threaders, tow chains; hyd. jacks; socket sets; machinery parts; steel lockers; hand-trucks; extension ladders, flaring tools; grain cleaner, assorted fuel tanks; camper top, combine blades; assorted office equip., including Savin copier

PROCESSING MACHINERY: Heil dryer, mdl. SB 105-32, s/n 1662; Heil dryer mdl. SBW - 8-25 s/n 684; cyclomatic; grass-type w/chopper forage feeder, 45 incline conveyor, 13'x58' combustion chamber, turbo blower, rotary dryer, collector & twin fan unit; Jacobsen pellet regrinder mdl 2400, 261565; Waldron cooler mdl. 250 s/n 463; supported cooler chamber; pellet coolaire, includes: Sprout Waldron vibrating screen, 60'x72"; Sprout Waldron fan mdl. P.V 4 s/n 1477 Sedbury hammer mill, size s/n 5042A-200 hp motor & blower, suction w/30 hp motor Sedberry hammer mill mdl. 4 WDC 104 s/n 176 w/150 hp motor; Nor-Blo dust arrester, type BA-12 s/n 952-65, size 432A-20PLG, 20x8.5'x10', w/25 hp Northern blower, 30'x1' screw conveyor & Kiddie C02 fire extinguisher system; Sprout Waldron pellet mill mdl. 501-D s/n 949; steel hopper-5 ton capacity, (6) collectors, cyclone, 72"x42" average, roof-mounted; Santquin tank. 72"x36", steel w/local piping, valves & controls, Wayne pump mdl. 577R s/n 24611; Sprout Waldren pellet unit mdl 6x32 s/n 863 w/48" screen; York boiler mdl. SPL538-20-N3 s/n 460-6; (6) Butler 30 ton feed storage tanks mounted on structural steel.

DIRECTIONS: From Allentown exit of PA turnpike; take Rt. 22W to Fogelsville. Go S. on Rt. 100 thru Trexlertown to Mack Truck plant on right. Turn right 1½ mi.
Sale on Premises:

SATURDAY, DECEMBER 5
AT 10 A.M.

Louis Traiman AUCTION COMPANY
BROKERS-AUCTIONEERS

1519 Spruce St., Phila., Pa. 19102 (215) 545-4500
AMERICA'S FOREMOST REALTY AUCTION ORGANIZATION

OUTSTANDING - TWO DAYS -

PUBLIC SALE

The undersigned, moving out of state, will offer the following at Public Sale located 12 miles North of Gettysburg, PA along Route #34 in The Village of Gardners, Adams Co., PA.

THURSDAY, NOVEMBER 26, 1981 at 9:00 A.M. Sharp!

THANKSGIVING DAY

FULL LINE OF SHOP EQUIPMENT & TOOLS, ROTO-TILLER, SNOW BLOWER, MULCHER, ETC.

Troy Built 6 HP Roto-tiller, like new; Mighty Mac 5 HP Mulcher, new; Marquette elec. welder, 220V, 20/220 amps plus equipment; Large supply of welding rods; Craftsman comb. 8" table say and 6" jointer, like new; 2 Acetylene welding outfits complete with cutting torches and many rods including stainless; 2 Paint sprayer outfits, 1 with compressor; 1500 Watt Gas driven elec. generator; Homart water pump system, complete, nice; Wards 8" elec. chain saw; 36" gasoline chain saw; 22" self-propelled rotary mower; Bushwacker; Jari—Jaw 2-stage snow blower, like new; Old 2-cycle gasoline ship engine Serial #428; Rockwell Model #780 Power Grinder, 9" HD, like new; Ingersol-Rand ¾" Air impact tool; B&D ¾" elec. impact tool with sockets, ½ to 1½in.; Machinest 5" vise; 100# steel anvil; Jig saw; Double end grinder; Ridgid bolt threader kit, ¼ to 1 in. with ratchet; ½" Gas cent. pump, 3 HP; 3 Sets ¾" sockets with extensions and ratchets; 6" and 8" "C" Clamps; Hydraulic pump control & 10 HP engine; 4 Wood centric clamps; Tap and Die set; SAE & Std, ½ to ¼"; large butcher kettle with 3-foot; 2 Furnace oil burners; Tool box for pick-up bed; HD trailer hitch; Pipe clamps; Body and fender tools; Drill press; Slide hammer puller; Cart for acetylene welding outfit; ½ Breast drill; Many augers & bits; Room air conditioner; Tool chests; Reel push mower; Pitcher pump; Tires including 2 sets L78-15 and 1 set D78-13 snow tires with wheels; Gas cans; Truck flares; Cant hooks; Concrete blocks; Metal window sash; Lanterns; splitting axes; sledges; Mason tools; plumbing tools and supplies; jacks; Full line of gardening tools; Many hand and carpenter tools; Traps; New lavatory with cabinet; Automotive equipment; Nice lot of camping equipment; Automotive manuals 68 thru 76; plus many many other items in the above lines.

SATURDAY, NOVEMBER 28, 1981 at 9:00 A.M. Sharp

ORIENTAL RUGS, GUNS, KNIVES, MIDDLE & FAR EAST ITEMS, HOUSEHOLD, ANTIQUES

GUNS, KNIVES SWORDS, ETC.

(Guns & Rugs will be sold at 12:00 noon)

Winchester Mdl. 94, 32 special, carbine; Winchester Mdl. 69 22 Cal. bolt action with scope; Miggins Mdl. 31 22 cal. semi-automatic with 4X scope; Iver-Johnson 12 Ga. single barrel trap gun; Savage Mdl. 245A 22 mag. over 410; 1915 303 british; 8MM Mauser; .762 Russian bolt action; 2 Turkish fintlocks with silver inlays; Lacotian cap and ball musket; Civil ware percussion, US Mass., 1864; Collection of hunting knives; Ben Bearson 50# takedown, recurve bow; Ammunition; Hunting clothes; Bushnell fish spotter; 4 Swords, 2 Turkish sultan with silver decoration and 2 Vietnamese ceremonial.

ORIENTAL RUGS & FAR EAST COLLECTION

6 Oriental rugs including 1 large 13'6" x 9'3"; Turkish prayer rug, 36x60"; 3 Lambs wool 45x70" to 73x46" along with 2 Ispartas 48x72", all in nice shape and very fine work; Nice solid brass brassier, circa 1850; Pair 26" solid brass candle holders; 2 Solid copper trays, 23 and 30 inch; Brass valet; Iron cookpot; Camel and elephant bells; Opium weights; Silver ornaments; Pipes including a hubble bubble, Hungarian brier and a Mersehaum; Copper jugs; Brass lamp; Vases, brass, pottery, etc.; Wood pieces including teakwood elephant, forks and spoons; looms, copper jugs and camel saddles;

ANTIQUES AND HOUSEHOLD, ETC.

ANTIQUES: Snake leg 20" tilt-top stand with bird cage; Bow front 1 door china closet; 3-Tier mahogany clawfoot stand; Winthrop mahogany secretary; Wood kitchen cupboard; 6 Trunks; Reverse painted pictures; 10 Plate Flickinger Hanover stove; 3 Large 3-gal. crocks; Cast iron fry pans; Nice mantle clock; Cherry seeder; Crocks and jugs; Wood rake; Easter baksets. HOUSEHOLD: 2-Door Signature, energy efficient, 15 cu. ft. refrigerator-freezer; Signature 30" Range; Westinghouse Roaster oven on stand; Very nice pecan wood master dresser with mirror; Reprod. dry sink with copper well; 3 Piece oval end & coffee table; Nice small maple hutch with serving tray; bar Cart; Corner what-not; Pine slant-lid writing desk; Maple chest of drawers; Maple dinette set with 4 Captains chairs; Mirrors; 2 Reclining chairs; Floor lamp; Brass lamp with milk glass bowl and macrame shade; Stands; Simmons hide-a-bed; Utility shed; Wine keg with base; Cannister set; Electrical Appliances including: Clocks, Radios; Sunbeam mixer, with grinder and blender, Toaster oven, Frypan, Deep fryer; Full length Mink Coat; Electric Broom; Fireplace set; Lawn Furniture; Lot of Craft material and books; Christmas decorations; Dishes and cookware.

NOTE: The above is just a partial listing of 100's of items that will be sold at each days sale.

TERMS: Cash, Certified, Travelers or Personal Checks with approval.
Not responsible for accidents day of sale.

HARRY R. MILLER JR. Owner
Gardners, PA 17324

CLAIR R. SLAYBAUGH, Auctioneer
Idaville, PA Phone 717-677-7479

Public Sales Register

Closing Date - Monday, 5 00 P M
of each week's publication

SAT DEC 5 - 10 A M Public Sale of Grain Farm Machinery Located on Hensfoot Rd , off Rt 57, opposite Wickes Lumber Co Entrance, 1½ mi east of Phillispburg, NJ, Lopatcong Twp From Rt 22 78 at circle take Rt 519 North to Hensfoot Rd by Hineline Meat Plant Marie K Litton, Owner Fred R Daniel Auctioneers, Inc

SAT DEC 5 - Public Sale of Woodland Located in Juniata Co Long Bros , Auctioneers 717-527 4458

SAT DEC 5 10 A M Public Sale of Alfalfa Processing Operation and Real Estate Located from Allentown exit of PA turnpike, take Rt 22W to Fogelsville, go south on Rt 100 thru Trexlertown to Mack Truck plant on right Turn right 1½ mi Schoeneck Farms Inc Louis Traiman, Auctioneers

MON DEC 7 2 P M Danville Livestock Market, cattle and hog auction Located Old Route 11, Danville, PA Melvin M Lehman, owner

WED DEC 9 - Public Sale of Horse Drawn Farm Machinery, Cattle and Horses Located ½ mile south of Nickel Mines Emanuel and Annie Petersheim Steve Petersheim, Auctioneer

WED DEC 9 9 30 A M Public Sale of Cattle, Farm Equipment, Horses, Corn, Hay and Corn Fodder Located in Lancaster County, PA 7 mi southeast of Strasburg, 3 mi southwest of Gap, ½ mi north of Georgetown just off Rt 896 Terms by Emanuel and Annie Petersheim Steve Petersheim and Everett Kreider, Auctioneers

FRI DEC 11 - 5 30 P M. Gap Auction Antiques and Household Goods sold at every auction Located off Rt 41, Lancaster Turkey Hill Minit Market, cross RR bridge, Ira Stoltzfus & Son, Auctioneers

SAT DEC 12 10 A M Public Sale of Valuable Real Estate, Household Goods, Guns, Tools and Motorcycle Location Rt 272 south of Lancaster, 4 mi south of Buck, west onto Spring Valley Rd , at 2nd stop sign left onto Slate Hill, 1¼ mi to sale Vasilios Katsanevakis Lloyd H Kreider and Randal V Kline, Auctioneers Gary L Shirk, Apprentice

MON DEC 14 2 P M Danville Livestock Market, cattle and hog auction Located Old Route 11, Danville, PA Melvin M Lehman, owner

MON DEC 14 - 9 30 A M Consignment Sale Located at S Race St, Myerstown, Pa 17067 Sale held by Wenger's Farm Machinery, Inc

THURS DEC 17 - Monthly Cow Sale at the Melvin Kolb, Inc. Sales Barn, 11342 Cragerstown, Rd., Woodsboro, Md 21798. Thomas Miller, Sales Manager, Robert Mullendore, Auctioneer

SAT DEC 19 - 6.30 P M. Danville Livestock Market, horse sale located Old Route 11, Danville, PA Melvin M Lehman, owner.

SAT DEC 19 - 12.30 P.M Public Sale of Lawn and Garden Tractors and Diesel Tractors, Mopeds, Mowers, Tools and Snowmobiles. Located at Martindale, PA, 322 East East of Ephrata to Hinkletown traffic light, turn left to Martindale and turn left on Grist Mill Rd. to auction on right Randal Kline and Lloyd Kreider, Auctioneer

MON DEC 21 - 2 P.M. Danville Livestock Market, cattle and hog auction Located Old Route 11, Danville, PA Melvin M Lehman, owner

MON DEC 28 - 2 P M Danville Livestock Market, cattle and hog auction - Located Old Route 11, Danville, PA Melvin M Lehman, owner

HOCKER AUCTION THANKSGIVING EVENING

SALE THURS., NOVEMBER 26
5:30 P.M.
950 Page Road, 1 mile N. of 61st and Derry Streets, E. Harrisburg, Penna.
1926 model T Ford race car w/hand made bumble bee body "in running order"; some antiques;-furniture;-household goods;-100's of all kinds of small miscl. etc. Collect as we sell. Cash or travelers checks only. Open 4 p.m. 564-0510. "RACER 9 p.m.".
Auctioneers:
Col. L.M.F. Hocker & Harnsberger
Complete Sale Service.

HALCYON FARMS MILKING HERD DISPERSAL

Samuel and Helen Pickett-Owners
West Berne, N.Y.
SATURDAY, NOVEMBER 28, 1981
12:30 P.M.
and
CORTLAND GUERNSEY SALE
75 Head Total—ALL REGISTERED GUERNSEYS
at
Cortland Sales Pavilion, located on Route 41--just off Intercourse 81-EXIT 10, toward McGraw.

The Malcyon Farm Dairy consists of 24 cows and three bred heifers. All are home raised and are the result of many years of selected breeding. Yearly herd average is 12,932 milk and 559 B.F. with INCOME OVER FEED COSTS of $1299. per cow. All are Eastern Breeding with records to 17000#. Daughters of CHOICE, PRINCE ROYAL, DARI NOBLE, EMORY etc.

THE CORTLAND SALE includes 25-30 heifers from the Estate of KENNETH MASTERS, DeKalb Junction, N.Y.-a few recently bred-balance open heifers and calves.

Several other fresh and close young cows and heifers including daughters of top A.I. Sires including DEACON, NOBLEMAN, CHOICE, JUPITER, etc. Also selling of top son of MAVERICK, out of a DARI FAYVOR show cow. Many have D.H.I.A. records or records on the dams with several over 14,000# in milk. An excellent selection.

Tested For Interstate Trucking
Light Lunch Available.
Mail or Phone Bids Accepted

Sale Managed By,
CORTLAND GUERNSEY SALES
Barn Phone 607-836-6661
Cortland, N.Y.

ED. TOWNSEND
Catalogs
4429 Sunset Drive
Syracuse, N.Y. 13215
Te. 315-492-2578

A.V. Zogg, Jr.
Auctioneer

Wm. Cochran
Assisting Fieldman

M. Jose. Pendergast
Pedigrees
Star Route
Cobleskill, N.Y.
Tel. 518-234-7317

American Guernsey Cattle Club

4th Annual Eastern Shore Equipment Dealer's Assn. Farm Equipment Sale

AUCTION SALE

(The East Coast's Largest Annual Sale)
SATURDAY, DECEMBER 5, 1981
10:00 o'clock A.M. - U.S. 13 DRAGWAY, Delmar, Delaware
Tractors to be sold at 12 Noon

The following are partial listings only. 50 tractors & 250 implements expected.

Tractors: All of these tractors are offered with Buy and Drive.
Ford 9000; Ford 6700; D-19 A.C. diesel; 7020 JD 4WD; (2) 3010D JD; (2) 2020D JD; 4010 JD gas; 2520 JD gas; 4520D JD; M I.H., A I.H. w/cult,, I.H. w/mower, cub; 100 I.H. w/cult.; MF 165; 4620; 2020; JD 2010 gas; Int'l 856 diesel; Ford 860 5 speed; Ford 541 gas w/1 row cult.; Int'l 806 diesel; KD 542 forklift; Case 1210 diesel; Oliver 1750 diesel; JD front end weight; JD rims w/15.5x38 tires; Large selection of garden tractors. MF 65; Ford 5000, AC 200 w/dual remotes.

Combines:
MF 510 diesel-cab floating bar; 815 Int'l new style 4 row 30' head floating platform, cab, air & quick attachments; MF 300 diesel, cab, 3 row corn head, 13' platform w/pick up reel; IHC 303.

Headers:
MF 63C 6 row corn header; MF 44 4 row corn header; 210 corn head for 45 combine; New JD 444 corn quick attachment; Used JD 216 platform; Used 44 MF corn attachment (ex. cond.); Used JD 215 platform; 15-1810 Int. grain header w/floating cutting bar; 20-810 Int. grain header at Bat Real.

Planters:
1290 JD; 494A JD; AC 9 row no till; Int'l 400 cyclo w/monitor; JD 7100 12 row maximerge w/monitor; JD 494A 4 row; JD 1240 4 row; JD 1290 8 row; IHC 400 cyclo 4 row.

Implements:
Gehl harvester CB 1200 new knives, electric crown 3 row corn head 6' pickup (excellent); Triumph hydraulic driven industrial side mounted mower 7' to fit MF 135; MF 235 and MF 245; IHC 37 46 plate disc harrow; 2 McKee 8 row hydraulic folding vibra-time cultivators; 25' hydraulic floating M&W rotary hoe; MF 880 5 bottom 16" semi-mounted plow; 15' JD rotary cutter; Spike drag; 4 row JD cultivator; 4 row Case cultivator; New JD 660 side delivery rake; Sunflower 24' wing fold disc; Kiewanna 940, 40 blade disc; JD BWA 36 blade disc; Int'l 48 blade disc; Long 44 blade disc; AC 6 row cultivator; Pittsburg 6 row rigid cultivator; JD 4 row rotary hoe; 2 AC 330 tandem disc harrows; MF offset disc harrow; JD riding mower; Dunham 32 blade disc; Kiewanna 19' wind fold disc; MF 14' chisel plow; JD 14T baler; New Holland 1010 bale wagon; New Holland 717R2 2 row 38" corn head for Forage Harris; JD 214 Forage box on JD 1065; Johnson Workhorse loader for garden tractor; Hesston hay stacker.

Misc.:
'73 White freight liner, 318 Detroit w/13 speed transmission and new tires.

All items listed are subject to prior sale.
Inspection on December 3 & 4, 1981.
Directions: U.S. 13 Dragway is located on U.S. Rt. 13, 1 Mile North of Delmar, Delaware and 8 miles North of Salisbury, Md.
Terms: Cash on day of sale. Checks will be accepted from Residents of the Delmarva Peninsula only, and when drawn on a local Bank. All others must be accompanied by a current Letter of Credit from a Bank or Production Credit Association.

PETE RICHARDSON AUCTION SALES

Serving Md., Del., and Va.

Pete Richardson
Auctioneer and Sales Mgr.
Phone: (301) 546-2425 (office)
(301) 742-6220 (home)
(301) 742-0100 Ext. 813 (Mobile)

FOURTH ANNUAL YEAR-END
PUBLIC AUCTION

FARM EQUIPMENT, HARDWARE, HAND & POWER TOOLS, CHAIN SAWS, LAWN & GARDEN EQUIPMENT, WELDERS, AIR COMPRESSORS, SNOWMOBILES, GRAIN TRUCKS, BUILDING MATERIAL, POULTRY & HOG EQUIP., AND MANY MISCELLANEOUS ITEMS.

SATURDAY, DECEMBER 5, 1981

9:00 A.M.

Located along East Farmersville Rd., Farmersville, Pa.
(Lancaster County)

From Ephrata, Pa. take Rt. 322 East to Hinkletown. First road right after traffic light in Hinkletown. East Farmersville Rd. 3 mile to sale, watch for auction signs.

DOOR PRIZES

★ 1st - CENTURY 230 AMP Welder
★ 2nd - MILWAUKEE ¼" Drill
★ 3rd - S-K ½" Socket Set
★ 4th - Drydene 15/40 Oil (Case)
★ 5th - Deka Booster Cables
★ 6th - White Toy Tractors

All Adults who register for an auction number by 9 AM are eligible to win these door prizes. Winners must be present to win. Drawing will be held at end of auction.

NEW FARM EQUIP.

White 508 4B Plow
White 255-16'4 Wing Disc
White 255-10 4 Disc
Brillian 12 4 Pulvi-Mulcher
Brillion 13'8 Pulvi Mulcher
Brillion 6 3 Soil Builder
Brillion 14' Transport Packer
Brillion 11' Sprocket Packer
Brillion 13'4 Cultipacker
Vicon PS 400 3 pt Fert Spreader
Vicon PS 600 3 pt Fert Spreader
Bush-Hog 8 x48 Transport Auger
Bush-Hog 8' x53 Transport Auger
Bush Hog 206 6 ft Cutter
Bush-Hog Rebel 5 ft Cutter
Kubota M4000 Diesel Tractor

USED FARM EQUIP.

White 251 9 ft Disc
JD 494-4R Planter
NI 8 x54 Transport Auger
Bush-Hog 6 Rotary Cutter
IH 6 Row Cyclo Planter
IH 6 Row 3 pt Cult
IH 14 ft Vibra Tine 3 pt Fertilizer Spreader
MF 65 Gas Tractor

USED CHAIN SAWS

Homelite XL w/10 ' Bar
Homelite XL2 w/12" Bar
Homelite Super EZ w/16 Bar
Homelite 330 w/16 Bar
Homelite Super XL w/16 Bar
Homelite 360 Ao w/20' Bar
Homelite 550 w/27 ' Bar
Lancaster w/16" Bar
Craftsman 2 5 w/15 Bar
Craftsman 3 7A w/17 ' Bar
Remmington 500 w/16" Bar
White WM-19 w/12" Bar
Husqvarna 40 w/16 ' Bar
Husqvarna 162 w/20" Bar
Echo 500 VL w/20" Bar
Echo 60S w/20 ' Bar

NEW LAWN & GARDEN TRACTORS

Bolens LT8 8 H P w/32 Rotary Mower
White LGT1100 11 H P w/38 Rotary Mower
White LGT1610 16 H P w/44 Rotary Mower
White GT1622 16 H P w/50 Rotary Mower
Kubota Diesel B6100 14 H P w/48 Rotary Mower
Bolens Diesel G172 17 H P
Bolens Diesel G174 17 H P 4 WD
★ WE HAVE ACQUIRED A LARGE QUANTITY OF BRAND NEW REPOSSESSED BOLENS LAWN & GARDEN DEALER INVENTORY WHICH WILL BE SOLD AT OUR SALE

USED LAWN & GARDEN TRACTORS

Kubota Diesel B7100DT 16 H P 4 WD w/48 Rotary Mower
Kubota Diesel L175 17 H P
Kubota Diesel L225 25 H P w/72 Rotary Mower
Bolens G-8 8 H P w/32 Rotary Mower
Bolens LT8E 8 H P w/38 Rotary Mower
Bolens 1254 12 H P w/42 Rotary Mower
Bolens H16xL, 16 H P w/42 Rotary Mower
White GT1622 w/50 Rotary Mower
John Deere 400 20 H P w/60 Rotary Mower

USED GRAIN TRUCKS

1979 Ford F 250 w/New Omaha Standard 9 Ft Grain & Cattle Body Hoist 12 000 Miles
1974 Dodge D-500 w/New Omaha Standard 12 Ft Grain & Cattle Body 10 Ton Hoist

NEW MISC. EQUIPMENT

Lawn Carts
Lawn Sweepers
Brinly, 3 pt Disc
Woods 42 3 pt Mower
Bush Hog 60 3 pt Mower
Echo Power Blowers
Wheel Horse 42 Mower Attch

NEW PORTABLE HEATERS

(2) Knipco 150 000 BTU
(3) Knipco 90 000 BTU
Knipco 30 000 BTU
Guardian 60 000 BTU
Guardian 40 000 BTU

25 - NEW ALADDIN KEROSENE HEATERS

USED MISC. EQUIPMENT

Power Genie Parts Washer
Campbell Hausfeld ½ H P Air Compressor
Echo HC 140 17 ' Hedge Trimmer
Echo 702 12 Cut Off Saw
Echo DM9 Duster/Mister Power Blower
Green Machine 4600 Power Blower
Echo SRM 202 DB Gasoline Trimmer
Weed Eater XR 50 Gasoline Trimmer
Weed Eater XR 70 Gasoline Trimmer
Weed Eater 670 Gasoline Trimmer
Campbell Hausfeld TF410821H 5H P Single Phase, 80 Gal Horizontal Tank Two Stage Pump Air Compressor

15 NEW CHAIN SAWS

Homelite Super 2 w/14 ' Bar
Homelite XL 12 w/16' Bar
(5) Echo 452VL w/16 Bar
(4) Echo 702EVL w/20 ' Bar
Husqvarna 44 w/16 Bar
Husqvarna 480 w/24' Bar
Husqvarna 285 w/27' Bar

9 - NEW CAMPBELL HAUSFELD AIR COMPRESSERS

FL 3501 ½ H P 7½ Gal Tank
FL 3502 ¾ H P, 11 Gal Tank
FL 3309 3 H P Gas, 12 Gal Tank
(2) FL 3504 1 H P, 11 Gal Tank
FL 3305 1½ H P 20 Gal Tank
VT 3311 2 H P 15 Gal Tank
VT 3169 2 H P 30 Gal Tank
TK 631221H 10 H P Three Phase 120 Gal Horizontal Tank Two Stage Pump

15 - NEW LAWN MOWERS BOLENS, LAWN-BOY, WHITE

NEW ASSORTMENT OF POLARIS CLOTHING

USED SNOW MOBILES

1981 Polaris Cutlass 440
1980 Polaris TX440
1980 Polaris Gafaxie 440
1980 Polaris TXC 340
1979 Polaris TXL340
1973 Polaris TX 440

NEW WELDERS

Century AC 100 AMP
Century AC 230 AMP
Century AC 230/DC 140 AMP
Century AC/DC 250 AMP
Century AC 295 AMP

USED WELDERS

Lincoln AC 180 AMP
Lincoln DC 300 AMP
Forney AC 240 AMP
Westinghouse AC 130 AMP
Century AC 230 AMP
Century AC/DC 250 AMP
Century AC 295/DC 250 AMP

WELDING RODS 250 - 5 LB. PACKS ASSORTED SIZES

BUILDING MATERIAL

Over 140 pcs 29 Gauge Painted Steel Roofing & Siding Assorted Colors and Sizes
Over 175 pcs Aluminum Roofing & siding Assorted Colors and Sizes
Assorted Fascia Spouting and Siding Trim
12 pcs 3 0 x 6 6 Pre-Hung Insulated Aluminum Doors
15 pcs 3 0 x 6 4 Insulated Masonite Doors
17 pcs 2 8 x 6 8 Plywood Doors
3 pcs 2 8 x 6 0 Plywood Doors
3 pcs 2 0 x 6'0 Plywood Doors
Over 1000 Sq Ft Fiberglass Insulation
Over 350 Sq Ft Thermax Foam Insulation
3 Pcs 32 x 36 Jalousie Windows
10 Pcs 4 x 6 20 Treated Posts
30 pcs 1 x 10 x 6' Pine Boards
20 Pcs 3/8 x 4 x 8 & 4 x 12 Pre Painted Masonite (Some damaged)
150 Pcs 3/8 & ¾ Plywood Remnants

4 - NEW MTD REAR - TINE ROTO - TILLER

25-NEW ROCKWELL POWER TOOLS

POULTRY & HOG EQUIPMENT

1 36 Zimmerman Panel Fan
12 1 Gallon Plastic Starter Jugs
68 2 Galv Reel Feeders
15 3 Galv Reel Feeders
6 Trojan Cup Waterers
5 Zimmerman 36 Gravity Shutters
4 Vent O-Matic 36 ' Gravity Shutters
4 Electric Fly Controls
6 RV 4 4 Roof Ridge Vents
5 - 72 PB Brower Infared Brooders
10 BR71 Brower Infared Brooders
1 C 36-26 Hoskins Cattle Waterer
6 190A 7 Agri-Fan Ceiling Fan
2 - R6-100 Rotary Hog Feeder Delphi 6 Bushel
1 R3 100 Rotary Hog Feeder Delphi 3 Bushel
6 #8 SBM 14 000 BTU L P Gas Brooder - Infared (Used)
1 24 Acme Fan Jet
2 CWI 12 Acme Shutter
3 CWI 18 Acme Shutter
2 CWI 24 Acme Shutter
2 RH 18 18 Acme Weather Hood
1 36 Acme Fan

SHENANDOAH FINISHING & NURSERY HOG FEEDERS

2 HF 33 6-Hole Hog Feeder w/Doors & Lid Galvanized
2 HF 33L 6-Hole Hog Feeder No Doors & Lid Galvanized
2 HFS 4L Double 4 Hog Feeder Stainless Steel
2 HF 4L Double 4 Hog Feeder Galvanized
2 HF 2 Double 2 Hog Feeder Galvanized
2 HFS-11L 2 Hole Hog Feeder Stainless Steel
2 HF 11 2 Hole Hog Feeder - Galvanized
4 HF-0 1 Hole Sow Feeder Galvanized
3 HF 1L 1 Hole Hog Feeder No Doors & Lid Galvanized
3 S-PCF-4S Single Side Nursery Feeder Stainless Steel
3 S-PCF 4 Double Side Nursery Feeder Stainless Steel
5 PCF P Double Side Nursery Feeder Galvanized
1 PCF 4 Double Side Nursery Feeder Galvanized
2 S PCF Double Side Nursery Feeder Stainless Steel
1 S PCF S Single Side Nursery Feeder Stainless Steel

* Misc Reconditioned Electric Motors
* Misc New & Reconditioned Kalglo Light Dimmers
* New & Used Universal Barn Alarms
* Misc Cable Lengths Stainless Steel & Galv
* Auto-Medic Medicators

1969 TERRY 20' TRAVEL TRAILER

25 - NEW ECHO & WEED EATER GASOLINE TRIMMERS

- NOTE: We Will Have Many More Items To Be Sold Not Listed on Sale Bill.
- ORDER OF AUCTION: 9 AM Hardware, Lawn & Garden Equipment.
  1 PM Building Material, Farm Equipment.

FREE COFFEE & DONUTS - FOOD AT AUCTION

Auction By
FARMERSVILLE EQUIPMENT INC.
R.D. #4 EPHRATA, PA 17522
717-354-4271

Auction Conducted By:
John E. and Paul E. Martin, Auctioneers
717-733-3511 - 717-733-3305 Ephrata, Pa.

TERMS: CASH, VISA, MASTERCARD, or GOOD CHECK

Public Sales Register

Closing Date - Monday, 5 00 P M of each week's publication

TUES DEC 29 11 A M Real Estate at 1 p m Sale of 12 Acre Farm, Lumber and Misc Building Items Located along Spring Hollow Road midway between Terre Hill and Churchtown PA Sale by Paul and Verna Sauder Nevin Martin and Lewis Groff, Auctioneers

JANUARY

MON JAN 4 2 P M Danville Livestock Market, cattle and hog auction Located Old Route 11, Danville, PA Melvin M Lehman, owner

THURS JAN 7, 1982 9 30 A M Dispersal of Holstein herd, hi grades & reg , horse drawn farm machinery, work horses Located 3 mi .south of Strasburg Terms by Gideon B & Katie Stoltzfus Steve Petersheim, Auctioneer

PUBLIC SALE

FRIDAY, NOVEMBER 27

STARTING AT 9:00 A.M.

Located in the Village of McKees Half Falls, along 11-15, midway between Liverpool and Port Trevorton.

Lot containing ¾ acres more or less where on is erected a 12 room frame dwelling with large porches. Also full bath on second floor and ½ bath on first floor. Also built-in countertop stove with grill and built-in oven with modern cupboards. Oil hot air furnace and modern conveniences.

Lot also contains a large concrete block garage 30x70 with 16 ft. ceiling which would be ideal for a truck and auto shop. Real Estate will be offered at 12 P.M.

HOUSEHOLD ITEMS

Hotpoint Refrigerator with Freezer Across Top; Norge Heavy Duty Automatic Washer; Kelvinator Refrigerator; Large Hutch; 5 Piece Dinette Set with Cane Back Chairs; Writing Desk; Several Occasional Chairs; G.E. Cabinet Model Stereo; Large Secretary Desk and Chair; Folding Chairs; Large Gun Cabinet; 2 Filing Cabinets; Desk Lights; Wine Rack; Gun Rack; Floor and Stand Lights; Miscellaneous Stands; Several Clothes Racks and Clothes Trees; Bar with Bar Stools and Matching Sofa; Bradford Colored T.V.; Utility Cart; Book Shelving; Underwood Typewriter; Smith Corona Typewriter; Coffee Tables; End Tables; Large Sofa; Platform Rockers; King Size Box Springs and Mattress; Vanity and Stool; Chest of Drawers; Waterfall Writing Desk; Bed Springs and Mattress; Maple Dresser; Maple Chest of Drawers; Maple Chairs; 6 Piece Bedroom Suit; Electric Sweeper; Cookware of all Description; Miscellaneous Dishes of which some are Antiques; Meat Saw; Bedding of all Description; Scale Model Truck and Cars; Avon Bottles; Kodak Wood Heater; Blue Carpet, 12x15; Red Carpet, 12x15; Brown Carpet, 12x12; Also Miscellaneous Carpet and Throw Rugs; Porch Glider; Porch and Lawn Furniture.

ANTIQUES

Copper Wash Boiler; Copper Kettle, Very Large; Old Trunks; Old Bench; Kerosene Lights; Rocking Chairs; Collection of Jim Beam Bottles.

SHOP TOOLS

Marquelta Battery Charger; Lincoln Electric Welder 225 Amp.; Several Jack Stands; Several Floor Creepers; I-Beam on Wheels for Pulling Motors; R.M.C. Air Compressor with 2 H.P. Electric Motor; Assorted Fire Extinguishers; Electric Sanders; Routers; Electric Drills of all Different Sizes; Several Large Hydraulic Jacks; Portable Shop Heaters; Assorted Log Chains; Chain Booms; Assorted Bolt Cabinets with Bolts; Grease Guns for 5 Gal. Buckets; Shop Vises; Wrenches of all Description; Trouble Lights; Extension Cords; Paint Sprayers; Miscellaneous Tools for Changing Truck Tires; Metal Shelving; Wheel Bearings for Trailers; Air Hoses; Hydraulic Floor Jacks; Steel Step Truck on Wheels for Working on Trailers; Set of Auto Ramps; Miscellaneous Tires; Batteries; Steel Drums; Plastic Hose; Garden Hose; Assorted Heater Hose; Large Picnic Table with Folding Legs; 2 Snowmobiles; a Large Pile of Firewood. Owner & auct. not responsible in case of accident.

Personal Property: Cash or Good Check. Real Estate: 25% Down. Balance can be financed by owner for 10 years at 12% interest.

OWNER:
DONALD ELSASSER, JR. & CHERYL ELSASSER

Auctioneer: Hoffman

Refreshments by Ladies of Halls Lutheran Church

Public Sales Register

Closing Date Monday, 5 00 P M
of each week s publication

FRI JAN 8 5 30 P M Gap Auction Antiques and Household Goods sold at every auction Located off Rt 41 Lancaster Turkey Hill Minit Market cross hill bridge Ira Stoltzfus & Son, Auctioneers

MON JAN 11 2 P M Danville Livestock Market cattle and hog auction Located Old Route 11 Danville, PA Melvin M Lehman, owner

MON JAN 18 2 P M Danville Livestock Market, cattle and hog auction Located Old Route 11, Danville, PA Melvin M Lehman, owner

SAT JAN 16 6 30 P M Danville Livestock Market horse sale located Old Route 11, Danville, PA Melvin M Lehman, owner

THANKSGIVING HOLSTEIN DAYTIME SALE

FRIDAY, NOVEMBER 27

12:30 P.M.

Smoketown Quality Dairy Sales Co.
RT. 340

5 mi. East of Lancaster
5 mi. West of Intercourse

Two loads of Fancy Reg and Grade cows and heifers from farm dispersals out of New England States and Canada

SPECIAL MENTION

Reg. Fancy Nunesdale Double-O-Born 11-28-76. Bred to Strephon. AN Ex Standout Son. Daughs. Avg 18,714m 650F Sire was EX 91-5 yr Her Dam in four Lactations - 3 yr. 21, 170m-644F -4 yr. 25,080m -846F -5 yr 30,640m. 1015F.-7 yr 27,270m. 807F.

Reg. DALE Lor Elevation Tom - Born 3-25-78 2 yr-352d.-15,273m. 496F She is an Elevation Granddaughters, DAMS records 305d , 14,050m-15,750-16,310-15,720, 19,200. Bred to Rebel Elevation His Sire EX 91-5 yr Elevation Son Daughters Avg. 20,667m 714F. Out of herd dispersal.

Reg. Emperor Blossom-Acres Diamond-82 pts 3 yr Bred to Cypress Hill Astro Chief His sire-Arlinda Chief Son. Daughters Avg. 19,888m 729F. His Dams Top record 25,000m.

Reg. Dragonway Regency-Born-7-10-77-Bred to Busy Acres Lindy +1497. Daughters Avg 17,761m. 629F. Dam out of Apostle 2 yr.-14,060-3 yr. 16,120-4 yr. 19,550m. Granddam records from 14,350-19,110m

Registered Paclamar Astronaut born 11/6/77, vaccinated, GP 81 pts 4-H calf project and shown up to yearling age, won all the shows she entered, good uddered cow just fresh, never pushed. 2 yrs 305d, 10,887M, 4.0T, 435F; 3 yr. 282d 10,393M, 4 2T, 433F, Dam was a Milk and Honey Linda Fond Image VG 85 pts. at 5 years. Her record 2-11, 305d 15,580M, 4 0T 632F, 4 yrs. 11 mo. 284d 20,110M, 4.1T, 818F. In 6 lactations gave 105,000 lbs. milk.

Fancy I.D Grade-Born 8-1-77. Simpsons Apostle. 2 yr. 289d. 15,350m 4 3T - 660F 3 yr - 266d - 16,544m. 4.2T. 699F. 305d. M E Prod. both Lactation over 19,000m. Her sire +110m +25F. +.50 type. Son of Hill Top Apollo Ivanhoe. Daughters Avg. 16,041m 3.8T. with a heifer calf by Elate +1040M +36F.

Reg. Fancy Rugua Ivanhoe Kismit Kid Born 2-12-77 with a heifer calf.

Reg. Fancy-Avon Glen Rebel-Born 4-30-76

Reg. Fancy-OAK Ridge Speculator

Reg. 4 yr. Simpsons Apostle +110m +25F + 50 type Son of Hill Top Apollo Ivanhoe. Daughters Avg 16,041m 3.8T

Reg.-Fancy - 2 yr E-Z Acres Rocket Rogan.

Holstein Breeders, if you want foundation cows and bulls to build your herd - Don't miss this sale.

Fourteen fancy top 3 & 4 yr old cows out of one herd Our pick Four cows out of one herd milking 65-75 lbs. Six cows out of one herd dispersal out of New England States Just fresh or springing Have potential to milk 50-80 lbs

Reg.-Holstein Bull-Harrisburg Gay Ideal-Dam-Hercules G P 4 yr - 2 yr 11m -337d.-15,600m-514F 4 yr -310d 14,380m. 468F Granddam - Jack-2 yr 336d 14,000m 4 1T-567F 4 yr 338d 16,310m 4 1T-664F - 5 yr 359d - 18,080m. 4 2T - 762F. 7 yr 305d 18,110m 4 1T 744F Sire - 93 pt 12 yr

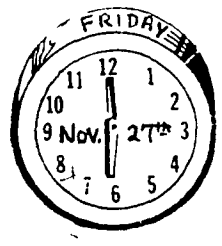
Reg.-Holstein Bull-Harrisburg Gay Ideal-Dam Hercules 3 yr 305d 13,610m. 4 2T 571F 4 yr. 291d 13,550m 4 0T 548F 5 yr 305d. 16,660m 4 3T 711F - Sire 93 pt 12 yr Granddam Ivanhoe Pony 85 pt 14 yr A-Lifetime 3911d. 176,194m 4 5T 7942F

Sale by,
GORDON & HELEN FRITZ
717-393-0930

Cows milked at Regular time
Cash or good check Day of sale.

Carl Diller-Paul Snyder-Auctioneers
Henry Kettering-Pedigrees

Lunch-Bird-in-Hand Auxiliary



AUCTION SALE

LATE MODEL TRACTORS, TRAILERS, TRUCKS, EQUIPMENT, VALVES, TANKS & MISC.

TUESDAY, NOVEMBER 24

10 A.M. - PAULSBORO, N.J.

EVERYTHING SELLS TO THE HIGHEST BIDDER

NOTICE Manchester s Machinery and Welding is selling trucks and equipment surplus to its present needs Everything in this sale belongs to Manchester s Machinery and Welding

LOCATION: The Sale will be held on N.J. Route 44 (Crown Point Road), 1/8 mile north of Paulsboro, N.J., which is approx. 14 miles south of the Walt Whitman Bridge. From north or southbound Interstate 295, get off at the Mantua exit. At the Exit road (Mantua-Grove Road), turn left and proceed about ¼ mile to the stop sign and turn left onto Crown Point Road to the sale site on the left.

(12) 76/75/74 MACK R685ST TRACTORS, (4) TRACTORS, & (12) TRAILERS

(2) 76, (6) 75, (4) 74 MACK R68ST Conv. T/A Truck Tractors, Maxidynes, 5 spd. Maxitorque trans , 10.00x20 tires, sliding 5th wheels, PTOs, & product pumps, 8-good (2 w/new motors), 3-fair, 1-parts, & 1-74 Mack S/A Tractor for parts only, (2) 73 DIAMOND REO Conv. T/A Truck Tractors, 8V-71 engines, R19509 9 spd. trans , 10 00x20 tires, & product pumps, good, 69 WHITE Conv. T/A Truck Tractor, Cummins C180 engine, RTF906 trans , 10 00x20 tires, sliding 5th wheel, wet line, & Roper product pump, good; 66 KENWORTH Conv T/A Truck Tractor, 8V-71 engine, 13 spd. Roadranger trans., 10.00x22 rear tires, 11 00x24 5 front tires, front Budds, & sliding 5th wheel, good, FRUEHAUF 6,300 gal. T/A Alum Tank Trailer, 3 compartment, front & rear load, & 10 00x22 tires, good, FRUEHAUF 6,300 gal. T/A Steel Tank Trailer, 3 compartment, front & rear load, & 10.00x22 tires, good, GARY 6,500 gal. T/A Steel Tank Trailer, single compartment, bottom load, & 10.00x20 tires, good, STECO 26' T/A Alum. Dump Trailer, telescopic hoist & 10.0x22 tires, good; HOMER 40' T/A Flat Trailer, sliding tandem & 10 00x20 tires, good; (5) 28' to 30' T/A & S/A Flat Trailers, fair to poor, (2) 30' Storage Van Trailers, fair to poor, 30' Open Top T/A Trailer, fair

EQUIPMENT, BALERS, MAGNETS, & TRUCKS

BAY CITY 190, 25 ton Truck Crane s/n 6062, 60' boom, no truck engine, fair, BAY CITY 190, 25 ton Crane s/n 7266, T/A w/5th wheel plate, 45' boom, gas engine up, & outriggers, fair, AMERICAN 10245 Automatic Paper Baler; 36x42x50, complete w/pumping unit, good; ECONOMY 50F6 Paper Baler, pitless, good, OHIO 55" Magnet w/controls & generator, M&E 36" Magnet, OHIO 26" Magnet; LULL T10 Traveloader s/n G2-2050, parts, ALLIS-CHALMERS F6E2 Centritugal Pump, 12x10x17, w/Ford 391 V-8 engine w/clutch, good, 63 WHITE Compact Chassis w/H&H 2,000 gal steel tank, 2 compartment w/heating elements, good, 63 WHITE 3000 T/A Chassis w/Heil 3,000 gal. stainless steel single compartment tank & side unload, good, 62 DODGE D400 Chassis w/500 gal steel tank, hose, reel, & meter, very good, 54 WHITE 3000 S/A Chassis w/2,400 gal steel tank, hose, & reel, fair, (2) 56 GMC 6x6 Gov't Surplus Trucks, fair to poor, WHITE Walk-In Van, fair to poor, FORD F700 Scrap Truck, fair to poor, MOBILE 16' Office Trailer, fair to poor, Trailer Mounted Oil Clarifier

VALVES, TANKS, PUMPS, & MOTORS

Approx 100 ton Steel, Cast, & Stainless Gate Valves, 2" to 16"; Approx 12 Carbon Steel Vertical & Horizontal Tanks, 2,000 to 8,000 gal., Approx 15 Stainless & Steel 2" to 6" Pumps, Approx 20 Electric Motors, 10 to 75 HP

TERMS: COMPLETE PAYMENT SALE DAY IN CASH OR GUARANTEED FUNDS ONLY.

INSPECTION The vehicles & equipment may be inspected on Mon., Nov 23 from 8 to 5 and on Sale Day

REMOVAL. After completing payment, vehicles may be removed on Sale Day until 5 and on Wed & Fri , Nov 25 & 27 from 8 to 4

EVERYTHING SELLS REGARDLESS OF PRICE

VILLSMEIER AUCTION CO., INC.

Route 309, Montgomeryville, Pa 18936
Telephone (215) 699-5833

Good's Auction

111 North Maple Ave.
Leola, PA

Hay, Straw & Grain Sales
Every Wednesday
12:00 Noon

Farm Machinery
First and Third Wednesday
January thru November
starting at 9:00
With 6 Auctioneers

Tools and Hardware
Lawn & Garden Equipment
12:00 Noon
Farm Machinery - 12:30

No out of state checks
No household Goods, no clothing.
No poultry Equipment or scrap tin

DAVID H. GOOD & SONS
RD 1 Leola, PA 17540
717-656-9558

PUBLIC SALE

HOLSTEIN HEIFERS & FARM MACHINERY

Located 3 miles north of Waynesboro, 11 miles south of Chambersburg off Route 316 near Five Forks, Franklin County, Pa.

FRIDAY, NOVEMBER 27
Sale at 8:00 a.m.

HEIFER SALE

50 head of grade holstein heifers, 20 bred, some close springers, balance 9 months to breeding age. Individual health charts furnished.

FARM MACHINERY SALE

1972 Chev. 3/4 ton pickup with 16,000 miles on overhaul; '72 White dump truck with rebuilt 230 Cummins diesel engine and road ranger transmission; Case 1830 Uni. loader 200 hrs.; Trojan 304-4 wheel drive pay loader, 3 yd. scoop; MF 180 diesel tractor with wide front; MF 65 row crop gas tractor, overhauled; MF 65 gas utility tractor; NI Uni-System 702 diesel tractor 2500 hrs , 710 combine with 13 ft. grain head, and 3 row narrow stripper head; 760 chopper with 2 R wide and 3 R. narrow heads, 2-NH #8 Crop carrier silage wagons with 3 beaters and roots 10T chassis, MF 260 chopper with 3 R head, White 5400 Plantaire planter 6-30 in row with liquid fertilizer and herbicide used 2 seasons, NH 278 baler, 2-NH 850 round balers - 1 excellent; NH 469 haybine, NH 24 table silo blower with pipe, NH 790 Manure spreader with tail gate, NI 165 bu spreader with new net; 9 T tri-axle Haulette Fayette trailer, 48 ft. Mayrath 6 in transport grain auger, 16 ft. Utility elevator, King Wyse corn drag, J D. 13-7 grain drill, Brady flail chopper, new wagon chassis with 18 ft flat, wagon chassis, 8 T McCurdy wagon with Kill Bros. 300 gravity bin; Lely 3 pt fertilizer spreader, Kelly 500 loader, IH mower, 22 tooth drag harrow; box for pickup to haul cattle, MH 30 tractor for parts, Echo 20 in bar chain saw, McCulloch 310 power mac- 16 in. bar, 1100 gal. poly fertilizer tank, new 300 gallon poly sprayer tank; 2-6 in by 10 ft. grain augers, 2 grain Aerators; large shop heater, Reddy heater, air compressor, Jenny hi-pressure washer, electric motors, 8 calf hutches; 10 00 x 20 truck tires, 8-14.5 low boy tires, mineral feeder, 20 and 24 ft center fill silo goose necks, angle iron and flat steel; 8-35 ft. creosote poles; barn logs, log chain, new and used chain binders; 2 new cable jacks, AC garden tiller, Ariens 6 HP riding mower; misc. shop tools, new implement parts; wooden doors; porch posts. Also other articles too numerous to mention

Approximately 2000 bales of hay (some top quality alfalfa), 1500 square bales of straw, 20 round bales of straw.

DANIEL R. & ESTHER C. PETRE
Auctioneer: Edgar J. Stull
Clerks: Martin and Martin

DEALER IN ALL KINDS OF LIVESTOCK
Also Crippled & Down Cattle

MARLIN S. IRWIN
Quarryville, PA
Ph: 717-786-3016

PUBLIC SALE

From I 81 at Inwood, W. Va., Take Route 51 East - Travel 3 1/2 miles to Larry's Market (formerly Hanes') Turn right -- .2 of a mile to sale -- OR -- From Charles Town, W.Va. Take Route 51 West - Go approximately 8 miles to Larry's Market - Turn left - .2 of a mile to sale.

THURSDAY, NOVEMBER 26
At 9:30 a.m.

APPROXIMATELY 20 - 25 TRACTORS – Including Cubs, Fords, John Deere, Internationals, Fergusens, and many other makes, ALSO - We will be offering a good selection of plows, cultivators, wagons, new and used rotary cutters, post hole diggers, new and used discs, wood saw, rakes, baler, grain elevator, corn pickers and many other farm related articles.

We will also be offered a good selection of NEW AND USED TOOLS – Including carpenter tools, hand and electric tools, socket sets of various sets, plumbers tools, and other hand and electric tools.

We will also be offering some household articles and some antiques.

TERMS: CASH. NOTHING TO BE REMOVED UNTIL SETTLED FOR.

SALE MGR.
EDGAR A. BOHRER
304-229-8354

AUCTIONEERS:
JONES, MILLER AND BOHRER
CLERKS:
Ware, Bohrer and Bohrer

NOTE: THIS IS A CONSIGNMENT SALE. If you have surplus farm items, tools, household articles, let us turn them into CASH. If you are considering having an auction, please contact us. We would appreciate the opportunity to conduct your sale.

NOT RESPONSIBLE FOR ACCIDENTS ON PREMISES
LUNCH RIGHTS RESERVED

Public Sales Register

Closing Date - Monday, 5:00 P.M. of each week's publication

MON JAN 25 - 2 P M Danville Livestock Market, cattle and hog auction Located Old Route 11, Danville, PA. Melvin M Lehman, owner

FEBRUARY

MON FEB 1 - 2 P M Danville Livestock Market, cattle and hog auction Located Old Route 11, Danville, PA Melvin M Lehman, owner

MON FEB 8 - 2 P M Danville Livestock Market, cattle and hog auction Located Old Route 11, Danville, PA Melvin M Lehman, owner

MON FEB 15 - 2 P M Danville Livestock Market, cattle and hog auction Located Old Route 11, Danville, PA Melvin M Lehman, owner

SAT FEB 20 - 6 30 P M Danville Livestock Market, horse sale located Old Route 11, Danville, PA Melvin M Lehman, owner

MON FEB 22 - 2 P M Danville Livestock Market, cattle and hog auction Located Old Route 11, Danville, PA Melvin M Lehman, owner

FRI FEB 26 9 30 A M Public Sale of Antique Tractors, Engines, New and Used and Abused Farm Equipment, New Tools and Fruit Located 10 mi east of Lancaster, 2½ mi west of New Holland, turn off of Rt 23 on S Groffdale Rd, turn left on Musser School Rd, Lancaster Co, PA Elias S Beiler Robert E Martin and Son, Auctioneers 656-7770 Frank L Steller and Blaine Rentzel

MARCH

MON MAR 1 - 2 P M Danville Livestock Market, cattle and hog auction Located Old Route 11, Danville, PA Melvin M Lehman, owner

18th Annual Bart Twp Fire Co Sale to be held March 6, 1982 Horse Drawn and Farm Equipment, Building Material, Housewares, Antiques, Horses and Lawn Eq Also lg. selection of food by ladies auxiliary Located at the fire hall in Bart Twp, Georgetown, PA.

MON MAR 8 - 2 P M Danville Livestock Market, cattle and hog auction Located Old Route 11, Danville, PA Melvin M Lehman, owner

MON MAR 15 - 2 P M Danville Livestock Market, cattle and hog auction Located Old Route 11, Danville, PA Melvin M Lehman, owner

SAT MARCH 20 - 6 30 P M Danville Livestock Market, horse sale located Old Route 11, Danville, PA Melvin M Lehman, owner

MON MAR 22 2 P M Danville Livestock Market, cattle and hog auction Located Old Route 11, Danville, PA Melvin M Lehman, owner

SAT MARCH 27 - Steve Gallant Potato Farms Complete Dispersal, Sweden Township, Potter Co, PA Sale by Pirrung's, Wayland, NY or Ulysses, PA 814-848-7421

MON MAR 29 - 2 P M Danville Livestock Market, cattle and hog auction Located Old Route 11, Danville, PA. Melvin M Lehman, owner

APRIL

SAT APRIL 3 - Estate of Richard L Sarginger Potato Equipment Dispersal, Sweden Township, Potter Co, PA Sale by Pirrung's, Wayland, NY or Ulysses, PA 814-848-7421

MON APR 5 - 2 P M Danville LivestockMarket, cattle and hog auction Located Old Route 11, Danville, PA Melvin M Lehman, owner

MON APR 12 2 P M. Danville LivestockMarket, cattle and hog auction Located Old Route 11, Danville, PA Melvin M Lehman, owner

SAT APRIL 17 - 6 30 P M Danville Livestock Market, horse sale located Old Route 11, Danville, PA Melvin M Lehman, owner

MON APR 19 2 P M. Danville LivestockMarket, cattle and hog auction Located Old Route 11, Danville, PA Melvin M Lehman, owner

SAT APRIL 24 - 16th Colonial Charolais Spring Sale, at the Farmers Livestock Exchange, Winchester, VA Sponsored by the Colonial Charolais Assoc Sale managed by Buzz Garey, 100 Walnut Lane, Morrisville, PA 19067

MON APR 26 - 2 P M Danville LivestockMarket, cattle and hog auction. Located Old Route 11, Danville, PA Melvin M Lehman, owner

MAY

MON MAY 3 2 P M Danville Livestock Market, cattle and hog auction Located Old Route 11, Danville, PA Melvin M Lehman, owner

MON MAY 10 - 2 P M Danville Livestock Market, cattle and hog auction Located Old Route 11, Danville, PA Melvin M Lehman, owner

SAT MAY 15 - 6 30 P M Danville Livestock Market, horse sale located Old Route 11, Danville, PA Melvin M Lehman, owner

MON MAY 17 2 P M Danville Livestock Market, cattle and hog auction Located Old Route 11, Danville, PA Melvin M Lehman, owner

MON MAY 24 2 P M Danville Livestock Market, cattle and hog auction Located Old Route 11, Danville, PA Melvin M Lehman, owner

MON MAY 31 2 P M Danville Livestock Market, cattle and hog auction Located Old Route 11, Danville, PA Melvin M Lehman, owner

JUNE

MON JUNE 7 2 P M Danville Livestock Market, cattle and hog auction Located Old Route 11, Danville, PA Melvin M Lehman, owner

NOTICE

To assure that your Public Sale appears in the Public Sale Section we must have your advertisement by 4 P.M Tuesday of each week's publication.

SAT JUNE 12 1982 - Colonial Invitational Sale hosted by Brattan Charolais Farm, McVeytown, PA and sponsored by the Colonial Charolais Association Sale managed by Buzz Garey, 100 Walnut Lane, Morrisville, PA 19067

MON JUNE 14 2 P M Danville Livestock Market, cattle and hog auction Located Old Route 11, Danville, PA Melvin M Lehman, owner

SAT JUNE 19 - 6 30 P M Danville Livestock Market, horse sale located Old Route 11, Danville, PA Melvin M Lehman, owner

MON JUNE 21 2 P M Danville Livestock Market, cattle and hog auction Located Old Route 11, Danville, PA Melvin M Lehman, owner

MON JUNE 28 2 P M Danville Livestock Market, cattle and hog action Located Old Route 11, Danville, PA Melvin M Lehman, owner

DAILY SALES

ON HAND THIS WEEK WE HAVE

- 1st and 2nd calf heifers. Some fresh and milking strong. Balance due in Dec. and Jan.
- Fancy Grade Cows ready to work for you.
- Select group of Purebreds, 2 to 5 years old that will add pride and production to your herd. Some springing, some fresh.
- Several good stock bulls.
- Purebred and Grade Calves.

Watch For Our
ANNUAL CHRISTMAS SALE
FRIDAY, DECEMBER 4th
SELLING 200 HEAD OF PUREBRED & GRADE HOLSTEIN DAIRY COWS
Free Lunch To All Dairymen

Lancaster Farm
2220 Dairy Road
Lancaster, Pa
717-569-2106 or
569-6800
Dennis Kolb, Mgr

MEL KOLB
Res. 717-393-7459

Maryland Farm
Woodsboro, MD
301-898-7720 or
898-7663
Tom Miller, Mgr.

DAY MONTHLY SALE
COW SALE
AT LANCASTER
1st FRIDAY
DECEMBER 4
AT 11:00 A.M.

DAY MONTHLY SALE
COW SALE
AT MARYLAND
3rd THURSDAY
DECEMBER 17
NOON

PUBLIC SALE

SATURDAY, NOVEMBER 28
1:00 P.M.
Real Estate

Located ½ mile East Nickel Mines on White Oak Rd.

2½ story house, 5 bedrooms, bath, kitchen & living room, 2 story barn, horse stable & shop - nice cond.

10% down sale day, final settlement 60 days or negotiable.

Terms by,
BEN & BARBARA ESH
Atty. Linda Kling
Auct. Steve Petersheim
717-786-4624
Everett Kreider

PUBLIC SALE

SURPLUS FABRIC-SEWING SUPPLIES NEW TOOLS-HOUSEHOLD GOODS

SATURDAY, NOVEMBER 28
9 A.M.

6 miles South of Quarryville, 8 miles North of Oxford, 500 ft. off 472 along Maple Shape Rd. in Kirkwood, at Kirkwood Fabric, Lanc. Co.

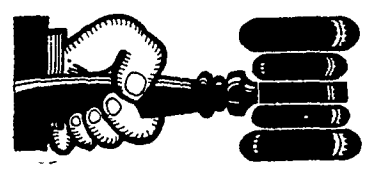
5000 YD. FABRIC
200 BOXES BUTTONS

Fabric sold by the pc., yd., lb., roll, and boxful. 50 rolls fabric up to 100 yd. rolls, 100 rolls upholstry fabric, 200 rolls elastic part and full up to 144 yd. rolls, 200 boxes buttons, 5 to 24 gr. to a box, 2,000 zippers, thread, many more sewing supplies.

200 TRAY LOTS-NEW TOOLS

200 traylots from mail order gift co., new socket sets, many more new tools, 2 new hyd. motors, 3,000 ft. new rope, 50 pr. used roller skates, bolts, nuts, new hardware, 100 gallons paint, many, many more items. Sale inside. Bring chairs. Refreshments.

Sale,
ABRAM B. STOLTZFUS



AUCTIONEER'S DIRECTORY

AUCTIONEERS
FRANK & PAUL SNYDER
Livestock, Farm Equipment, Household Goods, Antiques
No sale too small or too large
717-859-2688
717-733-7052

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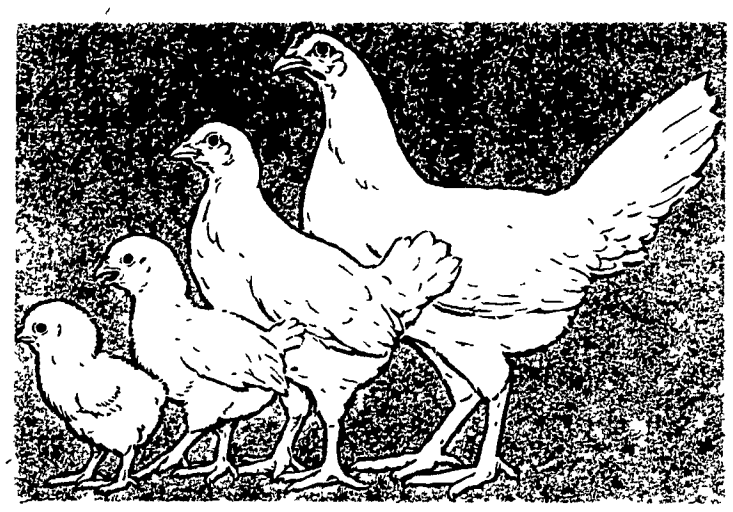
BIO-4

PURINA PULLET PROGRAM

BIO-4



The best way to know whether the pullets are *meeting* the body weight goals recommended by the breeder is to weigh a sample of birds at regular intervals.

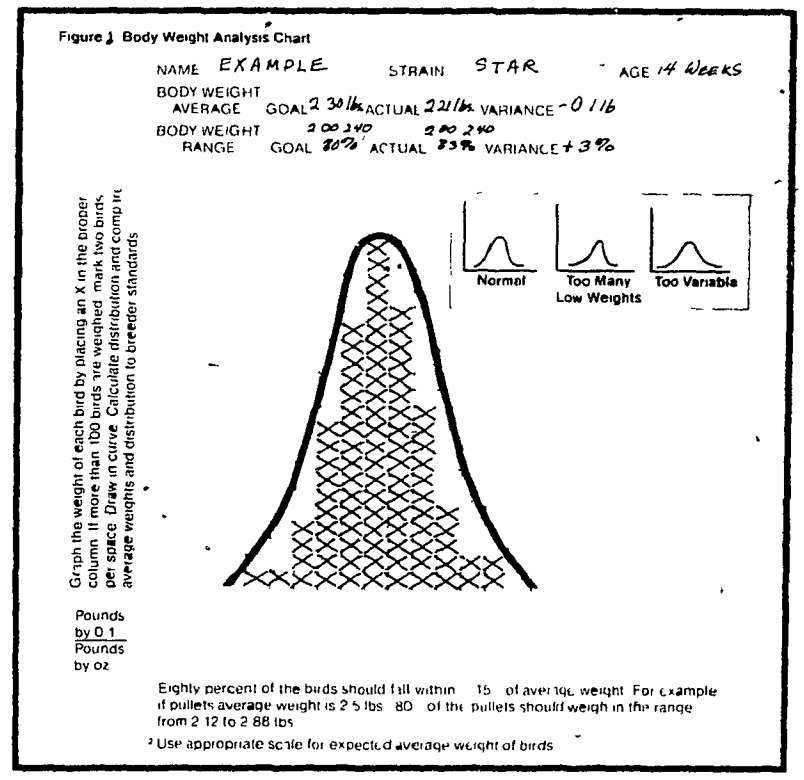
Figure 1 Body Weight Analysis Chart

NAME EXAMPLE STRAIN STAR AGE 14 WEEKS

BODY WEIGHT AVERAGE GOAL 2 30 lbs ACTUAL 2 21 lbs VARIANCE -0 11 lbs

BODY WEIGHT RANGE GOAL 2 00 2 40 80% ACTUAL 2 00 2 40 83% VARIANCE +3%

Graph the weight of each bird by placing an X in the proper column If more than 100 birds are weighed mark two birds per space Draw in curve Calculate distribution and compare average weights and distribution to breeder standards



Pounds by 0 1 / Pounds by oz

Eighty percent of the birds should fall within 15 of average weight For example if pullets average weight is 2 5 lbs 80 of the pullets should weigh in the range from 2 12 to 2 88 lbs

² Use appropriate scale for expected average weight of birds

Monitoring Body Weight

The best way to know whether the pullets are meeting the body weight goals recommended by the breeder is to weigh a sample of birds at regular intervals The first weights should be recorded a week before changing from the starter to the grower ration. This weighing would be at 4 weeks of age. Re-weigh at least every 2 weeks there-after, but not at intervals of more than 4 weeks.

A sample of 50 to 100 birds should be weighed in each house. A 100-bird sample makes calculation of the percentage of birds above or below the desired body weight range easier and increases accuracy In a floor house, the sample could consist of five groups of 20 chicks. In a cage house, the 100-bird sample should be taken in various locations throughout the house.

In addition to meeting target weights, uniformity is important. Eighty percent of the birds should fall within a range of 15% above or below the average weight For example, if the average is 2 5 pounds, then 80% of the pullets should weigh between 2.22 and 2 88 pounds As the percentage goes above this point, peak lay and total production of this flock will usually increase Use of the Purina "Body Weight Analysis Chart" (PS760) (Figure 1) helps quickly to determine the percentage of the birds within the weight range.

If the required nutrients are being supplied, lack of uniformity in body size may be caused by one or more of these factors·

1. Disease during the rearing period
2. Chicks from different age breeding flocks
3 Crowding during rearing
4 Inadequate feeder and water space
5 Poor management during brooding
6 Improper debeaking
7 Insufficient light over the feeders and waterers
8 Heat stress

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23 N PARK ST RICHLAND PA 17087

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West Willow Farmers Assoc , Inc
PHONE 717 529 2113
RTE 472 AT UNION PA
RD 1 OXFORD PA 19363

WEST WILLOW FARMERS ASSN., INC.
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WEST WILLOW PA 17583

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RD3 EPHRATA PA 17522

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2 NEW CHARLOTTE ST MANHEIM PA 17545

M. G. HENNINGER & SON, INC.
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BERRYSBURG PA 17005

Anthony's Feed Mill
PHONE 215 488 6211
STRAUSSTOWN PA 19559

FAWN MILLS
PHONE 717 382-4805
FAWN GROVE PA 17321
PHONE 717 637 1123
HANOVER PA 17331